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C. J. Morrison

C. C. MORSE & CO.

FALL CATALOGUE

SEEDS
BULBS
PLANTS

1908

SAN FRANCISCO, CAL.

Bedding Effects of Double Daffodils—Hyacinths—Tulips

C. C. MORSE & COMPANY'S

CATALOGUE OF

Bulbs, Plants and Seeds for Fall Planting

To Our Friends and Customers:

A year ago we issued our first Fall Bulb Catalogue, and introduced ourselves as the Successors of the Cox Seed Company. In this, our second Bulb Catalogue, we are pleased to say that we have a finer and better selection of Dutch and Japanese bulbs than those of last year and while our customers seem to have been very well satisfied then, we are prepared to more than please them this year.

This catalogue is intended principally to offer Bulbs, but we have added to the list a fine collection of seeds, especially adapted for Fall and early Winter planting.

One third of our book is devoted to ornamental plants and fruit trees, and is a carefully studied list of the best things for the garden and farm. We book advanced orders now for these items and will ship just after the first rains. Orders are usually very heavy and we are sometimes sold out later in the season. We therefore recommend early orders to secure the pick of our stock.

Thanking you for past favors and soliciting your orders again this Season, we remain,

Respectfully yours,

C. C. MORSE & CO.

Remember—Our general catalogue with complete list of Seeds and Plants will be mailed free to those whose names are on our list, in December and January.

The Cultivation of Bulbs—For winter and spring, for either out or indoor decoration, is very interesting and much easier than is generally supposed. If the brief directions given below and elsewhere in this catalogue are observed, there need be no disappointment in the results. Many of our most beautiful flowers are produced from bulbs, at a time when flowers are most appreciated. Their showy beauty and fragrance are very effective, surpassing even in winter many of the most popular summer flowers and furnishing at small cost a constant source of pleasure.

Remember that the Finest Outdoor Displays of the early spring months are from bulbs planted in the fall. We would particularly impress on the amateur that the fall, and not the spring is the proper time to plant all kinds of flowering bulbs. The larger part of the bulbs offered in this catalogue reach us from Europe and elsewhere in September, and the sooner they are planted after that the greater will be the measure of success.

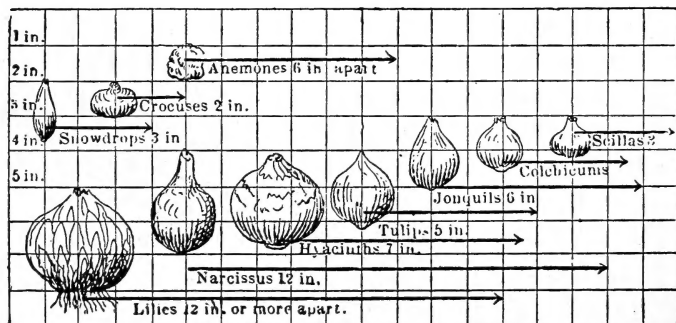
We call Special Attention to the fact that our bulbs are all selected from the best growers, are sound and of first size, and we would warn intending purchasers against buying cheap, undersized stock and expect the fine results obtained from selected bulbs such as we offer.

Order Early

Orders Should Be Sent as Soon as Possible after receipt of this catalogue. Orders booked earliest are surest of being filled as ordered, as if left too late, the supply of some of the varieties may be exhausted.

You are Invited to Visit Our Retail Store, 125-127 Market Street, San Francisco,
and Inspect Our Bulbs.

GENERAL CULTURE DIRECTIONS



Depths at which bulbs should be planted.

Depths at Which Bulbs Should Be Planted

The accompanying diagram explains the proper depth to plant bulbs. Outdoor planting should be done early in the fall to secure healthy plants vigorous foliage and beautiful flowers.

Culture in the Open Ground

The soil for most hardy bulbs should be sandy loam, and of a texture that will not retain stagnant water. Well rotted stable manure or bone meal should be thoroughly worked into the soil so that it will not come in direct contact with the bulbs. Most bulbs like rich food if properly applied, as the proper development, luxuriance and brilliancy depend largely upon the nutrition the roots are consuming. Liberal applications of manure water when the flowers are in bud produce magnificent results. The proper depth to plant is carefully indicated on diagram above and deserves careful study.

Culture in Pots

The best potting soil for bulbs is composed of fibry loam, leaf mold and river sand in equal proportions. The pots should be filled lightly and the bulb pressed into the soil so that its base is firmly fixed. As a general rule, the top of the bulb should just show above the surface soil when planted.

To encourage and promote root growth the pots should be buried out of doors to the depth of six inches and left there for five or six weeks. By that time the pots should be well filled with roots and may then be taken indoors. There the warmth will soon bring them into flower. Plenty of water should be applied and liquid manure is beneficial after the flower spikes appear.

Culture in Glasses

Although there are other bulbs used for this method of culture, large, well shaped, single hyacinths are the best for this purpose. Place the bulb so that the base merely touches the water. Set the glasses in a cool, dark, airy place until the roots have reached the bottom of the glass, which should be in about six weeks' time. If then kept in a cool room, they will produce very fine spikes and remain in bloom a long time. As the water evaporates, fill up the glasses and change the water entirely when needed to keep it sweet and clear. A small piece of charcoal placed in the water will prevent it from getting foul.

HYACINTHS

HYACINTHS are one of the most satisfactory of the Dutch Bulbs. They come in a great variety of colors, and their thickly flowered spikes are deliciously fragrant. They can be grown in pots, using one bulb to a 6-inch pot; or in glass bottles, using a bottle with a wide top to accommodate the bulb. To keep the water pure a small lump of charcoal should be added.

Plant in the open ground in the month of November if possible and they will blossom in February and March. For bedding effects plant 6 inches apart. **The soil should be made rich with a liberal mulching of manure**, and add sand if possible. After the flowers have died down, late in the spring, the bulbs should be "lifted" and put away in a dry place, and very often they can be used again. Bulbs planted late in December also do well if they are still firm and sound.

Add 12c per dozen for postage, if ordered by mail.

SPLENDID COLLECTIONS OF
"MIXED" HYACINTHS

EXCEPT for specialists and fanciers, there is more demand for "assortments" of Hyacinths, grouped in colors, and to meet this demand we have secured a fine large stock of assorted colors as offered below. These come quite a little cheaper in price and can be afforded in larger quantities, and are therefore recommended for beds and borders. These bulbs are what the Dutch bulb growers call **first size** and are of the best quality.

Single Varieties			Double Varieties		
	Per doz.	Per 100		Per doz.	Per 100
Light blue shades mixed.....	\$.60	\$4.50	Light blue shades mixed.....	\$.60	\$4.50
Dark blue shades mixed.....	.60	4.50	Dark blue shades mixed.....	.60	4.50
Dark red shades mixed.....	.60	4.50	Dark red shades mixed.....	.60	4.50
Rose and pink shades mixed.....	.60	4.50	Rose and pink shades mixed.....	.60	4.50
White shades mixed.....	.60	4.50	Blush white shades mixed.....	.60	4.50
Blush white shades mixed.....	.60	4.50	White shades mixed.....	.60	4.50
Yellow shades mixed.....	.65	4.75	Yellow shades mixed.....	.65	4.75
All colors mixed.....	.55	4.25	All colors mixed.....	.55	4.25

SINGLE BLUE

	Each	Per doz.	Per 100		Each	Per doz.	Per 100
Charles Dickens, Dark porcelain blue.....	\$.15	\$1.50	\$12.00	Masterpiece, Very dark blue.....	\$.25	\$2.50	\$
Czar Peter, Light porcelain blue.....	.20	2.00	15.00	Marie, Dark purplish blue.....	.15	1.50	12.00
Grand Lilas, Silvery lilac.....	.15	1.50	12.00	Queen of the Blues, Azure blue.....	.15	1.50	12.00
King of the Blues, Dark blue.....	.15	1.50	12.00	Schotel, Pale porcelain blue, very fine and large.....	.20	1.75	15.00
Leonidas, Bright blue.....	.12	1.25	10.00				



A Field of Single White Hyacinths Growing Near Haarlem, Holland.
This grower supplies us most of our bulbs.

SINGLE WHITE

	Each	Per doz.	Per 100		Each	Per doz.	Per 100
Alba Superbissima, Pure white, fine truss.....	\$.15	\$1.50	\$12.00	L'Innocence, Large truss of pure white.....	\$.15	\$1.50	\$12.00
Baroness Van Thuyll, Early pure white.....	.15	1.50	12.00	Mont Blanc, A splendid pure white.....	.20	2.00	15.00
Blanchard Early large, pure white.....	.15	1.50	12.00	Mammoth, White.....	.20	2.00	15.00
La Grandesse, Large bells of pure white.....	.20	2.00	15.00	Voltaire, Blush white.....	.15	1.50	12.00

SINGLE RED, ROSE AND PINK

	Each	Per doz.	Per 100		Each	Per doz.	Per 100
Amy, Sweet scented bright carmine.....	\$.10	\$1.00	\$8.00	Gigantea, Blush pink.....	\$.15	\$1.50	\$12.00
Cosmos, Dark rose, large spike.....	.15	1.50	12.00	Homerus, Bright red, early.....	.15	1.50	12.00
Fabiola, Pink striped carmine.....	.12	1.25	10.00	Robert Steiger, Deep crimson.....	.10	1.00	8.00
Gertrude, Rosy pink, very fine and popular ..	.10	1.00	8.00	L'Amie du Coeur, Lilac red.....	.15	1.50	12.00
General Pelissier, Deep crimson.....	.15	1.50	12.00	Roi des Belges, Deep crimson scarlet, good spike..	.15	1.50	12.00

SINGLE YELLOW

	Each	Per doz.	Per 100		Each	Per doz.	Per 100
Bird of Paradise, Beautiful citron yellow.....	\$.15	\$1.50	\$12.00	King of the Yellows, Deep golden yellow, large truss ..	\$.18	1.75	15.00
Herman, Orange yellow.....	.15	1.50	12.00	Sonora, Buff color, large.....	.15	1.50	12.00
Heroine, Bright citron, green tips.....	.15	1.50	12.00				

SPECIAL

We will make up special assortments of named varieties, either our choice or yours at the following rates: Per dozen, \$1.50; Per 100, \$10.00.

HYACINTHS

DOUBLE RED

	Each	Per doz.	Per 100
Bouquet Tendre : deep carmine, good showy spike.....	\$.15	\$1.50	\$12.00
Czar Nicholas : light rose, very large.....	.12	1.25	10.00
Grootvoorst : delicate peach blossom, beautiful.....	.15	1.50	12.00
Noble par Merite : deep rose.....	.15	1.50	12.00

DOUBLE BLUE

Blocksburg : porcelain blue.....	.15	1.50	12.00
General Antink : light blue, forces early.....	.15	1.50	12.00
Mignon de Dryphout : light blue shaded.....	.12	1.25	10.00
Othello : violet black.....	.15	1.50	12.00
Prince of Saxe Weimar : dark blue, large spike.....	.12	1.25	10.00

DOUBLE WHITE

Bouquet Royal : white, yellow center.....	.25	2.50	.....
Grand Valquier : pure white, fine.....	.25	2.50	.....
La Tour D'Avergne : very large, pure white.....	.15	1.50	12.00
La Virginité : bluish white.....	.10	1.00	8.00
Non Plus Ultra.....	.15	1.50	12.00
Prince of Waterloo : pure white.....	.15	1.50	12.00

DOUBLE YELLOW

Bouquet D'Orange : orange.....	.15	1.50	12.00
Goethe : light yellow.....	.15	1.50	12.00
Minerva : orange.....	.15	1.50	12.00
Jaune Supreme : deep yellow, good.....	.15	1.50	12.00



Single Hyacinths.

In all colors of blue, red, white and yellow.

DUTCH ROMAN HYACINTHS

Known also as Miniature Hyacinths.

These hyacinths are especially adapted for forcing in green houses, for they can be made to blossom very early. There are fewer flowerets on the stem, but where the large hyacinth has but one flower stalk, the Romans have 3 to 5, and the spikes are graceful and attractive, and the fragrance more pronounced and delightful.

	Per doz.	Per 100
White.....	\$.40	\$3.00
Creamy White.....	.40	3.00
Dark Red.....	.40	3.00
Rosy Red.....	.40	3.00
Dark Blue.....	.40	3.00
Light Blue.....	.40	3.00
All above colors mixed.....	.40	3.00

FRENCH ROMAN HYACINTHS

The flowers of this type, while smaller than the Dutch Hyacinth are borne in much greater abundance, each bulb bearing several graceful flower spikes. They are especially fragrant and extremely early, also easily grown. If potted in August they can be brought into bloom in November and December, and a succession of flowers can be had throughout the season. For cutting purposes the French Roman Hyacinth is the finest bulb grown.

Pure white, large bulbs, 12 to 14 centimeters, each, 6c; per doz., 50c; per 100, \$3.75; extra select bulbs, 13 to 15 centimeters, each, 7c; per doz., 65c; per 100, \$5.00.

GRAPE AND FEATHERED HYACINTHS

Grape. These are dainty little flower spikes bearing curious ball-shaped bells in white and blue. They are of the easiest culture and thrive either in sunny or partially shaded locations in the garden and can remain undisturbed for many years, multiplying their own roots as they grow older.

Blue: 15c per doz.; \$1.00 per 100.

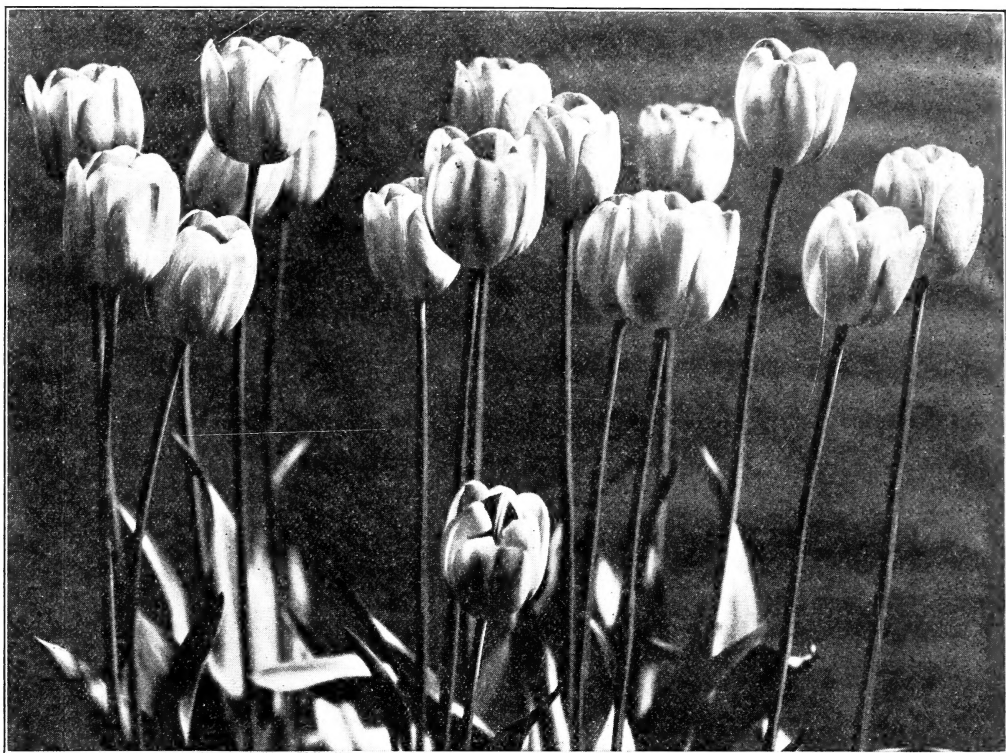
20c per doz.; \$1.25 per 100

Feathered (Muscari Plumosus), bears plume-like graceful spikes, 9 to 12 inches high, purple in color 20c per doz.; \$1.25 per 100



Roman Hyacinths.

For early greenhouse or pot culture.



Darwin Tulips

Blooming in May, with long stems and large cup-shaped blossoms, in a great variety of rich and brilliant colors.

TULIPS

TULIPS are too well known to require any description as to their value in the garden. While they come in white and soft tints, they are best known in the brilliant shades, and bright, gay colors are what we associate with the Tulip. For cut flowers we now have the splendid long stemmed late or May-flowering varieties, but for brilliant bedding effects the early flowering or ordinary Tulip is the type required. For forcing and pot culture the Duc Van Thol type is recommended.

In order to get Tulips to flower well they should be planted in a bed that has had well rotted manure liberally applied so that the soil is rich. Plant in November or December and cover with a good mulching of leaves or fine straw. Some growers have had wonderful success by digging a small quantity of bone meal in the soil below the bulb and then putting in a little sand in which they plant the bulb.

There are hundreds of varieties of Tulips, and while we have not tried to list every one, we have listed the very best varieties and all those that the most particular planter might wish.

The very best varieties for California planters are the "late flowering," "May or Cottage" and "Darwin" Tulips. We have a splendid assortment of these and plenty of them and recommend them to all who love flowering Dutch Bulbs.

(If Tulips are wanted by mail add 5c per dozen or 25c per 100 for postage.)

TULIPS

MAY FLOWERING OR COTTAGE TULIPS
LONG STEMS, LARGE BLOOMS

Single	Per doz.	Per 100
Beauty of America: cream changing to pink.....	\$.40	\$3.00
Bridesmaid: cherry, pink, striped scarlet and violet.....	.40	3.00
Bouton D'Or: pure golden yellow, handsome globe-shaped flowers, very long stems.....	.40	2.75
Fulgens: brilliant crimson, creamy white center, reflex petals, long stems about 24 inches.....	.50	3.50
Gesneriana Major: the most brilliant and dazzling crimson scarlet with violet black center. The best variety for cutting. Has fine large blossoms with long stems....	.40	2.75
Golden Crown: large golden yellow—splendid.....	.35	2.50
Isabella or Blushing Bride: creamy white and pink, changing darker rose center, marked peacock blue.....	.40	3.00
Macrospila: sweet scented, large crimson scarlet, black and yellow center.....	.30	2.00
Maiden's Blush: pure white, margined rose.....	.40	2.50
Marriage de ma Fille: double late flowering, white, feathered with crimson, very large flowers.....	.60	4.00
Viridiflora: the Green Tulip, edged yellow; 10c each.....	.75	...
Mixed	Per doz.	Per 100
Bizarre Tulips: a very striking and showy class of tulips. The ground is some shade of yellow—feathered, splashed or striped with crimson, purple or white.....	\$.35	\$2.25
Bybloemen Tulips: brilliantly striped and splashed with blue, lilac, crimson, pink or scarlet on white ground. Long stems with immense flowers.....	.40	2.50
Morse's Special Mixture of Late Single Tulips: made up by ourselves from named varieties; embraces all classes; nothing finer anywhere.....	.35	2.25



Bybloemen Tulips
Striped and Feathered.

DARWIN TULIPS

The largest of the late flowering types, with long stems and magnificent blossoms. They come in the most brilliant and the richest shades of red, purple, and violet, and are hardy and free flowering. We recommend these very highly.

DARWIN TULIPS—NAMED VARIETIES

Asa Gray: deep carmine.	Mrs. Potter Palmer: purple.
Donders: dark vermillion, violet center.	Olga: white and lilac.
Europe: salmon scarlet.	Painted Lady: creamy white.
General de Cordons: scarlet.	Prima Donna: dark blue.
Giovanni: carmine rose, fine.	The Sultan: maroon black, showy.
Glow: crimson scarlet, dark blue center, zoned white, very fine.	Van Poortvliet: glowing deep red.
Gustav Dore: bright pink.	White Queen: nearly pure white with only a suggestion of pink.
Margaret: outside blush, inside blush rose. Award of Merit. R. H. S.	Wedding Vell: silvery lilac, black anthers.

Any of the above fine Darwin Tulips at.....	\$1.25 per doz.:	\$8.00 per 100
2 Bulbs of each of above sorts (32 bulbs) for.....		\$2.50
Named Darwin Tulips, our selection.....	.75c per doz.:	\$5.00 per 100

These and the "May Flowering" Tulips we believe to be the best for California.

	Per doz.	Per 100
Special collection of 10 fine sorts.....	\$.75	\$5.00
Extra—Splendid Mixture of all sorts.....	.40	3.00

TULIPS

SINGLE EARLY TULIPS

	Per doz.	Per 100		Per doz.	Per 100
Artus: bright red or scarlet, fine bold flowers.....	\$.35	\$2.25	Rose Gris de Lin: white edged with rose, good for forcing.....	\$.35	\$2.25
Belle Alliance: brilliant scarlet, yellow base.....	.50	3.50	Rose Tendre: rose and white.....	.40	2.50
Chrysolora: pure golden yellow, the finest yellow for bedding.....	.30	2.00	Vander Neer: rich violet, large and fine ...	.45	3.00
Duchess de Parma: orange scarlet with yellow edge, fine and large.....	.35	2.00	White Hawk: the best pure white, large flowers, long stiff stems.....	.40	2.50
Joost von Vondel: deep cherry red, feathered white.....	.40	2.50	White Swan: large pure white, with egg shaped flowers.....	.35	2.25
Kaiser Kroon: crimson scarlet with yellow margin.....	.35	2.00	Yellow Prince: golden yellow, large and sweet scented.....	.30	2.00
La Reine (Queen Victoria): white, with faint tint of pink, splendid for forcing and bedding.....	.35	2.00	Splendid Mixture of Single Tulips: good proportions of various colors, 20c per doz.; \$1.25 per 100; \$10.00 per 1000.		
Pottebakker: Yellow —bright yellow, fine and large, very popular.....	.40	2.50	Morse's Special Mixture of Named sorts, is made up by ourselves of our best named tulips and contains a great many varieties.....	.30	2.00
Pottebakker: White —pure white, large showy blossoms.....	.40	2.50	Duc Van Thol: very early, dwarf forcing variety		
Pottebakker: Scarlet —bright scarlet, fine for bedding.....	.50	3.50	“ “ “ Crimson	\$.40	\$2.50
Prince of Austria: sweet scented, brilliant orange scarlet, long stems.....	.50	3.00	“ “ “ Gold Striped.....	.40	2.50
Proserpine: glossy carmine rose, silky and effective.....	.60	4.50	“ “ “ Rose.....	.40	2.50
Rosa Mundi: rose with white feather centering each petal.....	.30	2.00	“ “ “ Scarlet.....	.40	2.50
			“ “ “ Vermilion.....	.40	2.50
			“ “ “ White.....	.40	2.50
			“ “ “ Yellow.....	.40	2.50

EARLY DOUBLE TULIPS

	Per doz.	Per 100		Per doz.	Per 100
Duke of York: carmine rose, bordered white.....	\$.30	\$1.75	Rose Blanche: the best double pure white large.....	\$.30	\$1.75
Imperator Rubrorum: bright scarlet, very double.....	.75	5.00	Tournesol: red edged yellow, fine and showy.....	.40	2.50
La Candeur: pure white, fine for bedding.....	.30	1.75	Tournesol Yellow: bright yellow, shaded orange, brilliant.....	.50	3.50
Rex Rubrorum: bright crimson scarlet, fine for bedding.....	.35	2.25	Splendid Mixture of double varieties.....	.20	1.25
Rosine: white and rose, semi-double.....	.35	2.50	Morse's Special Mixture , of Named sorts.....	.30	2.00

PARROT OR DRAGON TULIPS

These are for outdoor culture and especially desirable for borders or groups. The petals are curiously feathered on the edges, and the colors are frequently shaded with green, a peculiarity of this variety. The blossoms are large and showy and very attractive.

	Per doz.	Per 100
Mixture of all colors.....	\$.35	\$2.25

MUSHROOM SPAWN

Ten pounds will spawn about 10 feet square. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at from 50 to 70 degrees. From some old pasture procure good, rich soil and to every bushel of this soil add two bushels of fresh horse manure. Of this well-mixed compound prepare a bed, say 4 feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 14 to 18 inches thick. As soon as the temperature of the bed falls from 75 to 50 degrees the spawn may be inserted in pieces about the size of a walnut, about 2 inches deep and 6 inches apart. Cover with loamy soil about 2 inches deep and beat it down evenly and firmly. Finish off with a covering of clean hay about a foot thick and the work is done. If the temperature is right, in six or eight weeks you may expect mushrooms. The bed will continue bearing from 20 to 30 days. After the first crop is gathered spread over the bed an inch of fresh soil, moisten with warm water and cover with hay as before. The main conditions in mushroom growing are proper and uniform temperature and very rich soil.

ENGLISH MUSHROOM SPAWN

It comes in pressed bricks weighing about 22 ounces. Price per brick, 35c; 5 lbs., \$1.25, postpaid. By express per brick, 20c; 2 for 35c; 10 lbs., \$1.25. Book: "Mushrooms; How to Grow Them." By Wm. Falconer. Price \$1.00.

NARCISSUS OR DAFFODILS



Emperor

The best Single Trumpet Daffodil.

Madame De Graaf: a grand, new, clear white variety. The trumpet is slightly tinted cream, is also large and very delicate and graceful. **50c each; \$5.00 per doz.**

THERE is no flower in the early spring that to our mind brings such refreshing inspiration as the **daffodil**. They are such dainty, bright, clean flowers, and their fragrance so delightful that nothing else competes with them when they first come in their spring-time glory.

They are the first to come after the dreariness of winter. None of the *Narcissus* type is more delightful than the daffodil (both single and double) and we have secured a splendid collection of them as offered below and in the succeeding pages.

Plant Daffodils in October and November out in the open ground in good soil and let them remain from year to year. The bulbous roots will multiply and send up fine long flower stems every spring. Be sure to keep the ground moist during growing season if season is dry.

They can also be grown easily in pots, putting 4 or 5 bulbs into a 5-inch pot and keep well watered.

LARGE TRUMPET DAFFODILS

If wanted by mail add 12c per dozen for postage.

Bi-color Grandee: flowers very large with broad pure white petals which overlap each other. The trumpet is bright yellow. Rather dwarf and late flowering. . . . **5c each; 40c per doz.; \$3.00 per 100**

Emperor: one of the grandest daffodils in cultivation. The perianth is broad and overlapping and the trumpet is very large and finely formed. Both perianth and trumpet a bright yellow. The stems are long and it is fine for cutting. **7c each; 60c per doz.; \$4.00 per 100**

Empress (White Wings): the perianth is pure white and the trumpet bright yellow. The best bi-color **7c each; 60c per doz.; \$4.00 per 100**

Golden Spur: a fine fragrant variety with long stems, excellent for cutting. The perianth is yellow and the trumpet is bright, golden yellow. **7c each; 60c per doz.; \$4.00 per 100**

Henry Irving: one of the older varieties. The perianth has narrow petals of a deep yellow color, the trumpet is of a deep golden yellow and very large. **6c each; 60c per doz.; \$4.00 per 100**

Obvallaris (Tenby Daffodil): a fine hardy flower, the perianth white, trumpet yellow. **5c each; 50c per doz.; \$4.00 per 100**

Princeps Maximus: very early and popular, perianth sulphur yellow, trumpet rich yellow. **4c each; 35c per doz.; \$2.50 per 100**

Single Von Sion: a beautiful golden yellow throughout (both perianth and trumpet), large and fine for cutting. **6c each; 50c per doz.; \$4.00 per 100**

Trumpet Major: one of the most popular, large, clear yellow varieties (both perianth and trumpet same color). Valuable for bedding or cutting or for forcing. The most easily grown and the hardiest. **4c each; 35c per doz.; \$2.50 per 100**

DOUBLE DAFFODILS

Alba Plena Odorata (the double White Poet's Narcissus or *Gardenia Daffodil*): sweet scented, very double and late. For outdoor culture only, does not force well. **3c each; 30c per doz.; \$1.75 per 100.**

Incomparable (Butter and Eggs): rich yellow and orange, fine for either forcing or outdoors. **3c each; 30c per doz.; \$1.75 per 100.**

Orange Phoenix (Eggs and Bacon): very large, double, white and orange, very beautiful, fine for pot culture. **5c each; 35c per doz.; \$2.50 per 100.**

Sulphur or Silver Phoenix: creamy white with sulphur center, very double and beautiful. **5c each; 50c per doz.; \$3.50 per 100.**

Von Sion: the largest and finest double yellow trumpet variety. This is the old favorite variety so highly prized in old fashioned gardens. Excellent for either forcing or cut flowers. If planted out-of-doors it can remain where planted for a number of years, blossoming freely every year. It is as popular now as ever and every one who loves daffodils should plant it. **5c each; 35c per doz.; \$2.50 per 100.**

CROWN DAFFODILS (Chalice Cup or Star)

Cynosure, sulphur yellow perianth; yellow cup, stained with orange, scarlet; very showy, fine for cutting; **3c each; 25c per doz.; \$1.50 per 100.**

Sir Watkin: a giant flowering variety, the blossoms sometimes measuring 5½ inches in diameter. The perianth is sulphur yellow; the cup deep golden yellow. An old variety, still very popular. **6c each; 50c per doz.; \$3.25 per 100.**

Stella: Star shaped, one of the first to bloom; flowers white with yellow cup; large and very free blooming. **3c each; 25c per doz.; \$1.50 per 100.**

Mrs. Langtry: pure white perianth, broad and overlapping; cup white edged, bright canary yellow, a fine art flower and very prolific. On account of its low price is largely used for naturalizing. **3c each; 30c per doz.; \$2.00 per 100.**

NARCISSUS OR DAFFODILS

POETICUS NARCISSUS (The Poet's Narcissus)

This is probably the best known of the old fashioned Narcissus, is very fragrant, and on account of the low price of the bulbs, is used extensively for naturalizing. In this type, the perianth is white, and very large, while the cup is small and margined with red.

Postage 6c per dozen.

Poeticus (Pheasant's Eye): flowers large, snow white and the cup is margined with orange-red; blooms in May. Very fragrant. 2c each; 20c per doz.; \$1.25 per 100.

Ornatus: an early flowering type and the best for forcing indoors. Fine large, symmetrical, snowy white flowers, with saffron cup, margined with scarlet. 4c each; 30c per doz.; \$2.00 per 100.

POLYANTHUS NARCISSUS

A very fragrant, sweet-scented type, of the easiest culture. Can be grown outdoors, in pots or in a dish of water with coarse gravel. The stems each bear from 10 to 20 blossoms at the top.



Polyanthus Type of Narcissus

Paper White Grandiflora—blossom pure white.
Grand Soleil D'Or—blossom deep yellow.
Chinese Sacred Lily—blossom yellow and white.

A splendid mixture of all Daffodils and Narcissus 25 1.50 12.00
A splendid mixture of Jonquils 20 1.25 10.00

Paper White Grandiflora , beautiful snowy white blossoms with large petals, deliciously fragrant, of easy culture and fine for forcing, the earliest to bloom. Will blossom out of doors by Christmas if planted in October.....	Doz.	100	1000
	\$.30	\$1.75	\$15.00
Grand Soleil D'Or : a rich, clear yellow with orange cup. Very fragrant and handsome.....	Each	Doz.	100
	\$.06	\$.45	\$3.00
Chinese Sacred Lily (single): perianth white, cup yellow, very free flowering and fragrant. Can be had in flower in dishes with water and coarse gravel from December to March. We handle the finest selected bulbs imported from China. .....10c each; \$1.00 per doz.; \$2.25 per basket of 30 bulbs.			

JONQUILS

These are much prized for their delicious fragrance, their graceful stems and blossoms, their rich golden hue, and their fine hardy character. Half a dozen bulbs may be grown in a five inch pot and forced, while they are easily grown also out of doors.

	Per dozen	Per 100
Single : sweet scented, the best known, very fragrant, rich golden yellow.....	\$.15	\$1.00
Double Jonquil : very sweet scented, heads small but very double and rich golden yellow.....	.35	2.50
Campernelle , large yellow flowers, fine for forcing, fragrant.....	.20	1.25
Rugulosus , the largest of the jonquils, rich golden yellow, broad perianth with wrinkled cup.....	.25	1.50

	Per doz.	Per 100	Per 1000
COLLECTIONS—Various Narcissus. A splendid mixture of the best single Trumpet Daffodils	\$.50	\$3.00	\$25.00

A splendid mixture of the best Double Daffodils30	2.00	18.00
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IRIS (Fleur-de-Lis)

IRIS with its sturdy stems and orchid-like blossoms comes in several different and very distinct types, each beautiful in itself. They come in a very wide range of tints and colors and are among the most delightful of all bulbous plants.

The treatment of the bulbs is the same for each class but since the Spanish is much the cheapest, they can be used for borders and naturalizing, while Japanese, the most expensive, might do best in a bed by themselves. All of the other types are beautiful anywhere, either single or in groups. They demand only the most simple culture, succeeding in almost any soil and location.

A mulching of coarse manure or straw will facilitate the production of fine long stems and large blossoms. The bulbs should be planted 2 or 3 inches deep and 6 inches apart, and for best effect should be in beds or groups of twenty-five to one hundred or more bulbs; the greater the number the finer the effect. After flowering, the bulbs may either be lifted or allowed to remain for another season. The varieties contained in our collection are the finest and most distinct in cultivation.

SPANISH IRIS

THESE are the most free-flowering and the earliest of all Iris, and should be in every garden. They are the cheapest in price, and can easily be afforded in large quantities for borders or brilliant bedding effects.

All the following-named varieties (postage 10c per 100, 1 doz. mailed free), 15c per dozen, or \$1.00 per 100.

Belle Chinoise. Very fine yellow.
Blanche Superbe. Large white flower with a suggestion of pale porcelain shading; one of the best and earliest.
British Queen. Purest white.
Cajanus. Pure yellow; large flower, very tall, fine for cutting.
Chrysolora. Golden yellow, the best of its color in cultivation.
Darling. Bright blue.
Gold Cup. Darkest bronze, largest variety, very fine.
Formosa. The finest of dark blue.
Ida. Deep yellow large flower.
Louise. French gray and white, with golden blotch, very beautiful.
Snowball. Pure white, shading to sapphire at base, with conspicuous golden blotch.
Splendens. Deep blue.
Thunderbolt. Bronze.
William T. Fine yellow.

Collection of Named Varieties

We offer the following mixtures to meet the demands of many of our customers who prefer to order this way instead of by named varieties.

Mixed Blue Varieties...... 15c per doz.; \$1.00 per 100
Mixed White Varieties 15c per doz.; \$1.00 per 100
Mixed Yellow Varieties...... 15c per doz.; \$1.00 per 100
Splendid Mixture of all Varieties...... 2 doz. for 25c; 100 for 75c; 500 for \$3.00

ENGLISH IRIS

Not less attractive than the Spanish Iris, appearing in large, handsome blossoms, in which blue, lilac and purple shades prevail. The bulbs are hardy, and also suitable for pot culture.

Mixture, all varieties, 25c per doz; \$1.75 per 100

Postage 5c per dozen.



Spanish Iris

GERMAN IRIS

This variety is commonly called "Flags," and is represented on our mailing envelope this year. They are a beautiful flower, as handsome as an Orchid, and, while the native blue and white are the most common, they can now be had in a great variety of colors and tints. We have selected some of the finest varieties, and are glad to offer them to our customers as follows: All the following varieties.....\$1.00 per dozen; \$6.00 per 100

Bulbs do not ripen until November.

Boquet Royal. Creamy white.
Canary Bird. Standard yellow, falls bronze, striped white.
Empress Victoria. Pale blue standards, falls purplish blue.
Gloire de Hillegom. Beautiful porcelain blue.
Grachus. Crimson reticulated white, very fine.
Innocenza. Ivory white.

Kharput. Purple, standards blue.
Madam Chereau. White, elegantly frilled azure blue at the edges.
Maori King. Rich golden yellow standards, falls velvety crimson margined gold.
Mrs. Horace Darwin. White slightly veined violet base.
Spectabilis. Deep velvety blue.

Mixtures of all the above varieties and many others not listed separately, 80c per dozen; \$5.00 per 100. Postage 10c per dozen.



Japanese Iris

Grows 4 to 6 feet tall and bears beautiful blossoms 6 to 10 inches in diameter.

SUSIANA MOURNING IRIS

This is a peculiarly beautiful variety, and quite distinct from all other types, and must be seen to be appreciated. It is a combination of silvery gray and dark chocolate and black, grows one foot high and blooms in May.....

..... 20c each; \$2.00 per dozen.
Postage 10c per dozen.

JAPANESE IRIS

(IRIS KAEMPFERI)

By universal consent, this species of Iris is given first place. Is is one of the finest flowers we have, coming in various tints of blue, lavender, crimson, rose and lilac, as well as the dark blues and violets, and beautiful shades and combinations of these. The bulbs are perfectly hardy and the plants are very easily grown in any garden where there is good soil and plenty of water. The blossoms vary from 8 to 10 inches in diameter and are borne on long, graceful stems, blooming profusely in June and July. Bulbs are ready for delivery some time in December.

(Bulbs are too heavy to mail)

In mixtures (light blue, dark blue, lavender, white, etc.) . . . 20c each, \$2.00 per dozen

In separate colors . . 25c each, \$2.50 per dozen

NEW OUT DOOR GARDEN LILY

(THE PHILIPPINE)

This rare lily comes from the mountain regions of the Philippine Islands and is perfectly hardy out of doors. Grows about two feet high and bears beautiful snow white flowers with long trumpet, ten inches and more in length. A beautiful lily—unsurpassed. Blooms in July and August.....

.....25c each; \$2.50 per dozen.
Postage 3c per bulb.

LILIES OR LILIUM

LILIES are matchless amongst hardy plants for beauty of form and variety of color in the garden. They commence flowering in May, and with the various species, maintain a continuous and unbroken succession of bloom until autumn. Their stately habit, rich and varied colored flowers, often deliciously fragrant, and of easy culture, render them so distinct from all other hardy plants that no collection however select, should be without a few of the choicer sorts. The best time to plant Lilies out of doors is in October and November.

Candidum and Harrisii are ready for delivery in August, and the others, with one or two exceptions, in October.

Auratum (Gold-banded Lily): one of the finest and most popular of the hardy garden lilies. The blossoms are composed of six large petals of delicate ivory white, studded with dark crimson spots with a bright golden band running through the center of each petal. The flowers when fully expanded are nearly a foot in diameter, are very fragrant and bloom from June to October. 15c and 25c each, and \$1.50 and \$2.50 per dozen, according to size.

Auratum Pictum: similar in form to the Auratum, but tipped with crimson at the ends of the yellow rays. 35c each

Auratum Platyphyllum: similar to Auratum, but larger and finer in all respects. Especially noted for its broad lustrous leaves which give double attraction. The petals are studded with crimson chocolate spots. 35c each

Auratum Rubro Vittatum: one of the finest of all Lilies grown in Japan. Its purplish crimson band running through the middle of the petal is so broad that the petals appear to be margined with white. 75c each

Henryi (The Yellow Speciosum): a rare Lily from China, hardy and free flowering. Flowers are a rich apricot yellow slightly spotted with brown. 75c each

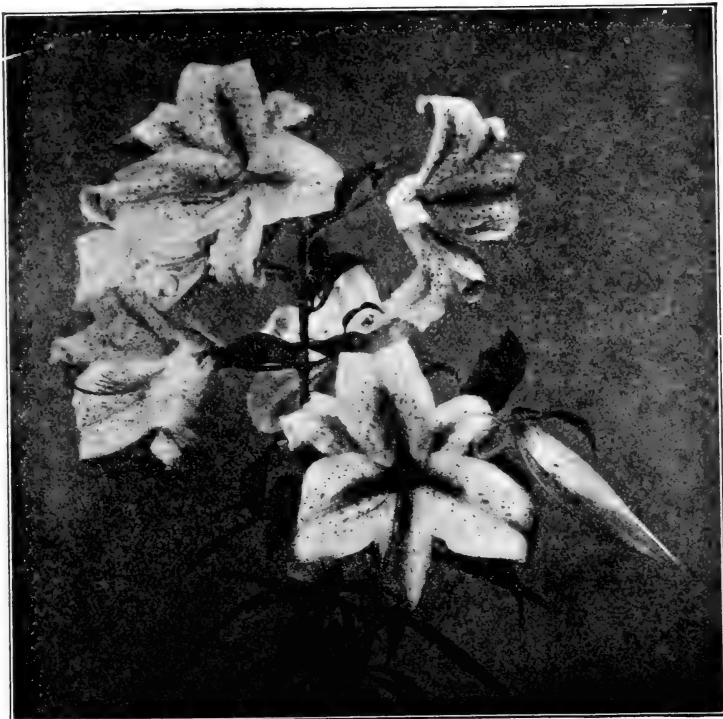
Candidum (Annunciation Lily; Madonna Lily; St. Joseph's Lily): this is one of the best known and popular of garden Lilies. The flowers are pure snow-white and very fragrant, borne on long stems. It is a valuable variety for forcing; and is the best white lily to plant out of doors, never failing to bloom well. 15c each; \$1.50 per doz.

Elegans, Incomparable: the richest red known in lilies, a deep crimson slightly spotted with black. Flowers large and freely borne. 20c each; \$2.00 per doz.

Elegans, Orange: a very early flowering lily, doing well in any location, about 2 feet high, flowers are orange in color. 20c each; \$2.00 per dozen.

Harrisii (The Bermuda Easter Lily): this magnificent Lily is undoubtedly the best for winter forcing, as it comes quickly into bloom. The flowers are trumpet-shaped, pure white, gracefully formed and delightfully fragrant. The bulbs should be potted in early fall in rich soil and the pots plunged in sand, where they should be allowed to remain until the approach of cold weather. It can be forced into bloom at any desired time, and the freedom with which the flowers are produced is truly remarkable. 15c each; \$1.50 per doz.

Longiflorum Multiflorum: an early flowering type of the Japanese Easter Lily. Pure white trumpet-shaped flowers. Splendid for growing in pots for Easter flowering and very desirable for outdoor planting, being quite hardy. 15c each; \$1.50 per doz.; extra large bulbs, 25c each; \$2.50 per doz.



Lilium Auratum

(The golden rayed Lily of Japan)

Longiflorum Giganteum: a fine type of Japanese Easter Lily, blooming about two weeks later than Multiflorum. The flowers are very large, of perfect form and superior substance. 15c each; \$1.50 per doz., and 25c each; \$2.50 per doz.

Speciosum Album: one of the most beautiful and easily grown Lilies we have. The flowers are of immense size and pure white. Plants grow from 2 to 4 feet high. 20c each; \$2.00 per doz.

Speciosum Rubrum: a beautiful variety, pure white, shaded rose and spotted with red; 3 to 4 feet high; a fine large flower. 15c each; \$1.50 per doz.

Speciosum Rubrum Magnificum: this variety is much more crimson in color than the ordinary Rubrum and is heavily spotted. 15c each; \$1.50 per doz.

Tigrinum (Tiger Lily): fine showy blossoms, brilliant orange-red spotted with black; 3 to 5 feet high, and blooms in August. 15c each; \$1.25 per doz.

Tigrinum Flora Plena (Double Tiger Lily): this is a plant of stately habit, growing from 4 to 6 feet high, bearing an immense number of double bright orange-red flowers, spotted with black. 15c each; \$1.50 per doz.

White Calla Lily (Calla Ethiopica): the well known and popular white Calla. 15c each; \$1.50 per doz.

Yellow Calla Lily (Calla Elliottiana): is the only true yellow-flowered calla in existence, and on account of its marvelous beauty has created a sensation wherever exhibited. It is a summer flowering variety, with the same habit of growth as the well known common White Calla, with flowers of the same size and shape, but of a rich, clear, lustrous golden yellow. The foliage is dark green with a number of translucent white spots, which greatly add to the beauty of the plant—so much so that when not in flower the plant at once arrests attention and is ever an object of enthusiastic admiration. According to size; 35c to 50c each, \$3.50 to \$5.00 per doz.

CALIFORNIA NATIVE LILIES

Humboldt Magnificum: a remarkably fine variety attaining the height of 5 feet and bearing profusely large flowers of golden yellow, spotted with purple. 60c each

Leopard Lily: the native Tiger Lily found growing in the mountains in all parts of California; height 3 to 4 feet.

Flowers yellow orange with dark spots. 25c each; \$2.50 per doz.

Washington Lily: a grand variety from Oregon and Washington; flowers are large and fragrant; opens white and turns to purple and lilac. They bloom freely in the summer; 3 to 5 feet high. 50c each



Field of Crocus
Growing for us on a bulb farm in Holland.

MISCELLANEOUS BULBS AND
FLOWERING ROOTS

AGAPANTHUS, UMBELLATUS (The Blue African Lily)

The old favorite, flowers bright blue. Foliage luxuriant and graceful, flowers borne in clusters of 20 to 30, and measure fully a foot across. The flower stalks frequently attain a height of three feet, the flowers opening in succession for a long period during the summer and autumn. Ready for November delivery.....25c each; \$2.50 per doz.
Agapanthus Albus, a new white variety, very beautiful.35c each; \$3.50 per doz.

ALLIUM, AUREUM

Beautiful for pot culture or garden decoration: of easiest culture

Molly or Golden Allium: one of our most showy border plants; perfectly hardy, bearing large umbels of golden yellow flowers in June. A very old favorite, and fine for naturalizing in the garden where it forms large clumps. Height, one foot.....15c per doz.; \$1.00 per 100.

AMARYLLIS

Postage 15c per bulb

Ornamental plants with large, fragrant, beautifully colored flowers. Frequent disturbance of the roots should be avoided, as this will prevent free flowering.
Belladonna Major, beautiful soft rose, 15c each; \$1.50 per doz.
Formossima, charming dark crimson, 15c each; \$1.50 per doz.

ANEMONE (or Windflower)

Popular hardy perennial producing beautifully colored flowers all summer.
Scarlet; rich, dazzling scarlet...35c per doz.; \$2.50 per 100
Scarlet, fl. pl.; double form of above, 45c per doz.; \$3.50 per 100
Double; all colors mixed.....40c per doz.; \$3.00 per 100
Single; all colors mixed.....30c per doz.; \$2.00 per 100

BEGONIA (Tuberous-Rooted)

For January delivery. Splendid pot plants, and equally useful for bedding purposes, doing best with partial shade.
Double; all colors mixed.....15c each; \$1.50 per doz.
Single; all colors mixed.....10c each; \$1.00 per doz.

BRODIAEA

Showy California bulbs with red, blue, or white tubular flowers, borne in clusters, on stems 1 to 2 feet high. They may be grown in the greenhouse or cold frame, or, if planted out in clumps or masses; they flower very freely in June or July. Mixed varieties.....25c per doz.; \$1.50 per 100

CALOCHORTUS OR MARIPOSA TULIPS

(Also called Mariposa Lilies)

These famous California flowers possess much delicacy and brilliancy of coloring. They somewhat resemble a tulip in shape, are of many colors, shades and markings. Planted in the open border, they flower in June and July. Mixed Calochortus.....30c per doz.; \$2.00 per 100

CROCUS

(Postage 25c per hundred)

Should be planted liberally in lawns and grass plots, where they will flower very early in the spring, before mowing.

	Per doz.	Per 100
Mixed Blue and Purple.....	\$.10	\$0.60
Mixed Whites.....	.10	.60
Mixed Striped varieties.....	.10	.60
Yellow, large size.....	.15	1.00
Cloth of Gold, giant size, golden-yellow.....	.15	1.00
Cloth of Silver, giant size, pure white....	.15	1.00
Splendid Mixed, a finely proportioned mixture of all the best varieties.....	.10	.50

MISCELLANEOUS BULBS AND FLOWERING ROOTS

(CONTINUED)

CROWN IMPERIALS (*Fritillaria Imperialis*)

Well known spring blooming, stately, hardy border plants, with clusters of immense pendant, bell-shaped flowers, surmounted with a tuft of green leaves. They are very effective, and if left undisturbed for years they form gigantic and picturesque groups, bearing gorgeously colored flowers. Mixed.....15c each; \$1.50 per doz.

CYCLAMEN, GIANT FLOWERED

(For December Delivery)

A beautiful winter greenhouse or pot plant, with beautiful deep green leaves, and long graceful stems bearing curiously winged blossoms in white and crimson shades. While these may be grown from seed, the best flowers are produced from bulbs.

	Each	Per doz.
Persicum Giganteum, giant flowered Rose..	\$.25	\$2.50
Persicum Giganteum, giant flowered White	.25	2.50
Persicum Giganteum, giant flowered Crim- son.....	.25	2.50
Persicum Giganteum, giant flowered, mixed colors.....	.20	2.00

DIELYTRA OR "BLEEDING HEART"

One of the most ornamental of spring-flowering plants, with long, drooping racemes of heart-shaped flowers. If potted in December, left outside till it has formed new roots and then brought in to a gentle heat, it may be had in flower in the greenhouse in February and March.

Spectabilis, magnificent racemes of pink and white flowers.....25c each; \$2.50 per doz.

GLADIOLUS

(For November Delivery)

Early Flowering Sorts. These are more slender and somewhat smaller sorts. They bloom early and are largely used for cut flowers, especially on Decoration Day. They should be planted in December. (For other varieties of Gladiolus see our annual catalogue issued in December.)

COLVILLI, "The Bride." Pure white, very handsome and good to force.....25c per doz.; \$1.50 per 100

COLVILLI "ROSEA." Like the above, colored pink... 30c per doz.; \$2.00 per 100

CARDINALIS, MIXED. This has many pink and red shades with a blotch at the base of each petal.....25c per doz.; \$1.50 per 100

FREESIAS

(See cut page 14.)

Greatly prized for the delightful fragrance of the delicately colored flowers, which, when cut, remain in good condition for a long time in water.

	Per doz.	Per 100
Refracta Alba, pure white, delightfully fragrant.....	\$.15	\$1.25
Extra large bulbs.....	.25	2.25
Leichtlinii, large fragrant, pure yellow ..	.30	2.00

GLOXINIAS

(For December Delivery)

Most charming greenhouse plants, of dwarf habit. Their flowers, often 3 to 4 inches across, are produced in greatest profusion, and are of the most exquisite and gorgeous colors, many of which are magnificently spotted, mottled, and blended. They bloom continuously for months, and by starting at intervals, a succession of their splendid flowers may be had nearly the whole year round.....15c each; \$1.50 per doz.

HYACINTHUS CANDICANS

(Postage 3c per bulb)

Free growing, summer-flowering plants with flower stems 2 to 4 feet high, each bearing from 20 to 30 large white, bell-shaped flowers; splendid for groups.....5c each; 60c per doz.

MONTBRETIA

A summer flowering bulb, bearing bright colored flowers on long, graceful spikes, foliage is long and graceful, and resembles that of the gladiolus. Valuable for cutting, and makes a beautiful display in a clump on the lawn or for borders.

	Per doz.	Per 100
Crocsmiaeflora, fine scarlet and yellow ..	\$.20	\$1.25
Crocsmiaeflora, <i>Etoile de Feu</i> (Star of Fire), bright vermilion, center yellow, outside blood red.....	.25	1.50

Lily of the Valley—See page 16.

IXIAS

The Ixia is a beautiful little winter-flowering bulb, with low, slender, graceful spikes of bloom. The colors are rich, varied, and beautiful, the center always differing in color from the other parts of the flower, so that the blossoms, expanding in the sun's rays, present a picture of gorgeous beauty.

	Per doz.	Per 100
Crateroides Major, brilliant scarlet, good for forcing.....	\$.40	\$3.00
Viridiflora, bright soft green with velvety black center.....	.50	4.00
Wonder (<i>Rosea plena</i>), deep pink flowers, double and very fragrant...	.50	4.00
Splendid Mixture of all varieties, containing a great many varieties and colors.....	.25	1.00

ORNITHOGALUM (Star of Bethlehem)

Arabicum. A beautiful variety, throwing up a tall spike bearing numerous large, milk-white, star-shaped flowers, with a black center, and having a distinct aromatic perfume. They are decidedly pretty and interesting when grown in the garden, but are more largely grown for greenhouse and window decorations, being of the easiest culture....5c each; 50c per doz.; \$4.00 per 100.

OXALIS

Charming little half-trailing or bushy plants, particularly adapted for pot culture and hanging baskets. The foliage alone is very attractive, and when in flower they are exceedingly pretty.

	Per doz.	Per 100
Bermuda Buttercup, pure bright yellow.	\$.25	\$1.50
Boweii, bright rosy crimson with large flower.....	.25	1.50



Montbretia—Scarlet and Yellow

In glorious bloom in August.

MISCELLANEOUS BULBS AND FLOWERING ROOTS

(CONTINUED)



Freesias

Refracta Alba—fine long stems.

OXALIS-GRAND DUCHESS

The Grand Duchess type is a California variety of dwarf, sturdy growth, with fine large flowers, very free flowering.

	Per doz.	Per 100
Mixture.....	\$0.20	\$1.25
Grand Duchess, white.....	.25	1.50
Grand Duchess, pink.....	.25	1.50
Grand Duchess, lavender.....	.25	1.50
Mixture of all varieties.....	.15	1.00

RANUNCULUS

	Per doz.	Per 100
French Mixed: fine large, loosely double flowers, very vigorous growers, in gorgeous colors.....	\$0.20	\$1.00
Persian Mixed: very double rose-shaped flowers.....	.20	1.00
Turban Mixed: double paeony-shaped flowers in many bright colors.....	.20	1.00

SCILLA OR WOOD HYACINTH

Charming little plants that do well under trees or in other shady situations, rendering such spots bright and cheerful.

Siberica, exquisite blue, adapted for edgings.....
.....15c per doz.; \$1.00 per 100

SNOWDROPS

Nothing is more beautiful than these little modest flowers, appearing in earliest spring. If dotted throughout the lawn the effect is most charming.

	Per doz.	Per 100
California Giants. A vigorous growing, large-flowered variety.....	\$0.20	\$1.00
Single flowering.....	.15	.90
Double-flowering.....	.30	2.00

SPARAXIS

Beautiful flowers borne on long, graceful spikes; the colors are of the most telling combinations and of the brightest shades. They are tigered, blotched, spotted, streaked and flushed in the most diverse and pleasing manner. The bulbs do well when grown in the conservatory or house in pots, and flower during the winter and spring.

Mixed colors.....25c per doz.; \$1.50 per 100

SPIREA

(For December Delivery)

While these can be used for outdoor planting where they will bloom during the summer, their great value lies in their ease of culture as a house plant.

Japonica Compacta Multiflora, dwarf, and a dense flowerer; clumps; too heavy to mail.....
.....35c each; \$3.50 per doz.

Gladstone (Hybrid Astilboides). The best of all the Spireas bearing snow white plumes in great profusion.....
.....35c each; \$3.50 per doz.

TRITELEIA

A perfect little gem for pot culture. The bulbs are small and several should be grown in a pot. It grows about 6 to 8 inches high, each bulb producing several pretty star-shaped flowers of a delicate milky-white, suffused with blue, and emits the perfume of primroses. They are perfectly hardy, and grown in quantities in a sunny border or for edgings, they are very effective.....15c per doz.; \$1.00 per 100

TUBEROSES

(For January Delivery)

The flowers grow on stems 18 inches high, each stem bearing a dozen or more flowers. They are pure white, waxlike, double and very fragrant.

Double Dwarf Pearl.....40c per doz.; \$3.00 per 100



Morse's Prize Strain Pansies

About $\frac{1}{2}$ natural size

MORSE'S SUPERB PANSIES

ALL our Pansy seed is obtained from the most noted European specialists. They thrive best in a moist, shady location and in rich, loamy soil. Seed should be sown in the autumn for early spring blossoms, or can be sown early in the year for good flowers

later in the spring. The blossoms are usually larger in the spring and again in the fall, and while they bloom freely all summer, the blossoms are small during the hot months. While the plants carry over well with a little covering during the winter, it is best to plant new seed each year.

We offer the following extra selected strains of superior large flowers especially for pansy fanciers, all at 25c per pkt. Special offer, 5 pkts. \$1.00:

Dr. Faust, jet black: **Five Spotted on White Ground**: **Striped Mixed**: **Azure Blue**, white edge: **Giant Fancy**, light blue: **Goldelse**, clear yellow: **Cardinal**, blood red: **Emperor William**, purple, violet shaded: **Snow White**.

SPLENDID MIXTURES

MORSE'S PRIZE STRAIN. The Seed of Morse's Prize Strain Pansy is grown for us by a noted specialist in Germany, and is saved from exhibition flowers, including almost every shade of color, exquisitely spotted and blotched, veined, mottled and margined, and fancy varieties. This strain is so beautiful that no description or praise can do it justice, being unsurpassed for rich and varied colors and immense size. Pkt. of 500 seeds, 50c.

Morse's Imperial German Strains Mixed: a superfine Mixture of the choicest German varieties in all colors. Pkt., 25c.

Bugnot Mixed: a circular, ruffled, and five-petaled type, with soft, blended colors and tints, veined on the margins and with a dark blotch at the base of each petal. One of the finest varieties. Pkt., 25c.

Cassier's Giant, Mixed: a splendid mixture of various shades and markings. The blossoms are perfectly round and are blotched at the base of 3 to 5 of the petals. Pkt., 25c.

Giant Trimardeau, Mixed: the largest flowering type of pansies, called the French strain. The top petals are larger than the three lower ones and are beautifully marked. Pkt., 15c.

Giant Odier or Prize Blotched, Mixed: a large flowered type, with round blossoms. The petals are all blotched at the base and distinctly margined on the edge. Pkt., 25c.

Giant Masterpiece: these new pansies have a most beautiful combination of rich velvety coloring and attractive wavy or ruffled petals. This wavy effect gives a graceful appearance rarely seen in pansies, and while they are really very large, they appear larger on this account. Pkt., 25c.

Large Flowering Varieties: all Mixed. Pkt., 10c: oz., \$2.00.

Striped or Mottled, Mixed: Pkt., 10c.

PANSIES

(CONTINUED)

THE BEST SEPARATE COLORS OR NAMED VARIETIES

	Pkt.	Oz.		Pkt.	Oz.
Atropurpurea: dark blue.....	\$0.10	\$2.50	Lord Beaconsfield: lavender, heliotrope and purple.....	\$0.10	\$2.50
Auriculaeflora: fine shades.....	.10	2.50	Peacock: peacock blue, white edge.....	.10	6.00
Azure Blue.....	.10	2.50	Prince Bismarck: golden bronze.....	.10	2.50
Bronze.....	.10	3.00	Quadricolor: or Pheasant's Eye.....	.10	2.50
Emperor William: Ultramarine blue.....	.10	2.50	Ruby Red: rich color.....	.10	6.00
Fairy Queen: blue with azure margin.....	.10	2.50	Silver Edged: extra fine.....	.10	3.00
Fire King: crimson, yellow edge.....	.10	4.00	Snow Queen: pure white.....	.10	3.00
Golden Gem: pure yellow.....	.10	3.00	Victoria: nearly scarlet.....	.10	3.00
Gold Margined.....	.10	2.50	Violet: fine violet, blue.....	.10	2.50
Golden Yellow: dark eye.....	.10	3.00	White: pure white, dark eye.....	.10	2.50
King of the Blacks or Faust: velvety black.....	.10	3.00	12 packets of any of the above 10 varieties for \$1.00; 6 for 50c.		



Lily of the Valley

LILY-OF-THE-VALLEY

(For December Delivery)

For pot culture or forcing by those who have conservatories these cannot be excelled, producing large, fragrant spikes, crowded with bells, and an abundance of dark green foliage.

Selected pips for out of door planting in bundles of 25, 60c; per 100, \$2.25.

Selected pips for forcing, bundles of 25, 60c; per 100, \$2.25; per 1,000, \$20.00.

Clumps for out-door planting, 60c each. Add 10c for postage.

**Aurora Spencer**

One of the sensational Sweet Pea novelties we are introducing this coming winter, and which will be illustrated in natural colors on the cover of our annual catalogue. See special offer on page 3 of cover.

There is a very long list of varieties, but as the Sweet Pea has been developed and improved, a great many of the older varieties have been discarded. The list we offer represents all the desirable varieties, and every color and shade is included.

NOTE:—The following list is the best of the known varieties and we recommend them. We grow a great many others and if anyone desires an old well known variety and will write us for it we can probably supply it.

SWEET PEAS

ORDER THE SEED AND PLANT NOW

WE are unquestionably the largest growers of Sweet Pea seed in the world, and our immense seed farms about Gilroy in the South Santa Clara Valley are now world renowned.

This popular flower, which is so easily grown anywhere, is especially adapted to California, and most of the seed for the world's supply is grown here. It is of the easiest culture, its only enemies being cut-worms and birds, which interfere with the young seedlings. There is no practical remedy for the former, although lime and Paris Green will help somewhat if sprinkled on the young sprouts.

The seed should be sown in the fall in a row, dropping two or three seeds every four inches and covering one or two inches deep. While the growth is very slow in the winter it is very rapid in the spring, and the plants are in full bloom in May, before the dry, hot summer sets in. The seed, however, can be planted any time until April 1, especially near the sea coast where the weather is cool and where fog is prevalent.

Sweet Peas require an abundance of water and an open location.

The water, if possible, should be applied at the roots, and the vines should not be sprinkled. A trellis of brush or strings or chicken wire is necessary.

The flowers should be kept gathered, since if allowed to go to seed the plants will soon stop flowering.

The Sweet Pea is a climbing annual and hardy. The early flowering varieties are generally used for forcing under glass, but they are very desirable also in the garden, and will bloom in February if seed is sown in November.

Plant Sweet Peas early this Fall, and order your seed NOW

SWEET PEAS

(CONTINUED)

Price per packet of each is 5c, except where noted otherwise.

WHITE

	1 oz.	¼ lb.	1 lb.
White Spencer. Our own Selection (true), large wavy Spencer type, pure white.....pkt., 25c			
Dorothy Eckford. The new white of the largest and best type.....	\$.10	\$.25	\$.60
Emily Henderson. A very hardy and free bloomer.....	.10	.20	.50
Mont Blanc. (White seeded). Early forcing variety.....	.10	.20	.50
Shasta. Our new large white.....	.10	.25	.60
White Wonder. A large double variety.....	.10	...	...

PALE YELLOW, OR PRIMROSE

Primrose Spencer. Large wavy Spencer type, light primrose., pkt. 25c			
Hon. Mrs. E. Kenyon. A fine, large, clear primrose.....	.10	.20	.50
Queen Victoria. Opens with a faint tint of pink and then turns clear primrose.....	.10	.20	.50

VERY LIGHT PRIMROSE AND PINK

Golden Rose. Clear primrose, lightly striped with light soft pink.....	.10	.20	.50
Marchioness of Cholmondeley. Buff and light pink, hooded and large....	.10	.20	.50
Stella Morse. Buff suffused with tint of pink.....	.10	.20	.50

LIGHT PINK SHADES

Florence Morse Spencer. Giant flowered, white and blush with pink edge.....pkt., 10c	.25	.75	2.00
Gladys Unwin. A new giant flowered variety; a light delicate pink, a little deeper at the edges.....	.10	.30	.75
Katherine Tracy. Soft pink standards with lighter pink wings.....	.10	.20	.50
Prima Donna. The most popular and satisfactory of all the light pink varieties. A clear, soft pink self color, with shell-shaped standard, of good size, strong and vigorous vine and long stems.....	.10	.20	.50
Venus. Opens a beautiful buff pink and turns a little deeper at full maturity.....	.10	.20	.50

DEEPER PINK SHADES

Countess Spencer. The giant flowered type with wavy edges., pkt. 10c.	.20	.50	1.00
Janet Scott. Clear pink at the base and shading to buff at the edges.....	.10	.25	.60

ROSE AND VERY LIGHT PINK SHADES

Apple Blossom. Crimson-pink, shading lighter at edges; wings are white, tinted with pink.....	.10	.20	.50
Earliest of All or Extra Early Blanche Ferry. The earliest variety grown. Comes into bloom in 8 or 10 weeks after sowing the seed. Bright rose standard with white wings.....	.10	.25	.60

ROSE AND PINK SHADES

	1 oz.	¼ lb.	1 lb.
Jeannie Gordon. Bright rose standard, showing veins of deeper rose; wings, primrose tinted with light rose.....	\$.10	\$.20	\$.50
Royal Rose. Crimson-pink standard, lighter at edges; wings pink.....	.10	.20	.50

LIGHT PINK SHADED

Dainty. Clear white, shaded lightly with blush pink and having distinct edgings of bright but soft pink.....	.10	.20	.50
Lovely. Both standard and wings have a blotch of deep pink at the base, which shades a lighter pink and a delicate flesh tint at the edges.	.10	.20	.50

ORANGE PINK SHADES

Bolton's Pink. Bright pink with orange cast, best for Florists.....	.10	.25	.60
Aurora. White, with stripes and flakes of orange-pink.....	.10	.20	.50
Evelyn Byatt. A crimson-orange self colored.....	.10	.25	.60
Helen Lewis. True, large wavy orange-pink variety of the Spencer type.....per pkt., 10c....	.15	.50	1.25
Henry Eckford. Almost true orange self colored.....	.15	.50	1.25
Miss Willmott. A bright orange-pink, showing veins of a deeper tint.	.10	.25	.60

BRIGHT RED SHADES

America. White, with stripes and flakes of brilliant red. The brightest striped variety.....	.10	.20	.50
King Edward VII (Improved Firefly). The new red which is taking precedence over all other red shades.....	.10	.25	.60
Queen Alexandra (Improved Scarlet Gem). Almost a true scarlet, new, .....per pkt., 10c	.15	.50	1.25
Salopian. A fine, deep rich red variety of shell-shaped form.....	.10	.20	.50

ROSE CRIMSON SHADES

George Herbert. Large wavy type of rose crimson.....per pkt., 10c	.15	.40	1.00
Lord Roseberry. Bright rose suffused with magenta and showing veins of rose.....	.10	.20	.50
Prince of Wales. A clear rose-crimson, self color, large and shell-shaped	.10	.20	.50

LAVENDER, MAUVE AND PURPLE SHADES

Mrs. Walter Wright. (Improved Emily Eckford). Light rosy purple, turning blue when fully matured....	.10	.25	.60
Romolo Piazzani. (Improved Dorothy Tennant). Rosy purple turning blue with age. A fine large variety.....	.10	.25	.60

LAVENDER SHADES

Countess of Radnor or New Countess. Soft lavender tinted with mauve....	.10	.20	.50
Flora Norton. A new variety, bright sky blue.....	.10	.25	.60

SWEET PEAS

(CONTINUED)

LAVENDER SHADES

(Continued)

	1 oz.	¼ lb.	1 lb.
Helen Pierce. Our own introduction. Awarded first-class certificate by National Sweet Pea Society of England. Bright blue mottled on white	\$.10	\$.25	\$.60
Lady Grisel Hamilton. Soft lavender, tinted with mauve	.10	.25	.60
Mrs. Geo. Higginson, Jr. A clear azure blue	.10	.25	.60

LAVENDER AND MAUVE, SHADED, PICOTEE OR EDGED

Lottie Eckford. White, shaded with lilac, with a deeper border at the edges	\$.10	\$.20	\$.50
Phenomenal. Blue and lavender shaded on white—called the orchid flowering type..... per pkt., 10c	.25	.60	1.25

A GRAND SWEET PEA MIXTURE

Morse's Superb Mixture. A mixture of about twenty colors, all of the new giant Spencer type of Sweet Peas, with immense wavy petals. This mixture contains **several new selections which are not yet named**, and we can truthfully state that it is impossible for any other seed house in the world to offer a mixture of Sweet Peas that can anywhere near equal this. We have but a little of it, and can sell it in sealed packets only. Per pkt., 10c; oz., 50c.

BLUE AND PURPLE SHADES

	1 oz.	¼ lb.	1 lb.
Countess of Cadogan. (Improved Captain of the Blues). Purple standards with clear blue wings.....	\$.10	\$.20	\$.50
Duke of Westminster. Almost a clear purple.....	.10	.20	.50
Senator. Pure white, striped and flaked with maroon and violet.....	.10	.20	.50

BLUE AND PURPLE SHADES

	1 oz.	¼ lb.	1 lb.
Othello. (Improved Black Knight) The best of the dark varieties, being very large and of the finest type. It is a deep maroon and particularly of rich velvety effect	.10	.20	.50
Navy Blue. Indigo and violet, wings violet and bright blue	.10	.20	.50

MIXTURES

Best Large Flowering Mixture.

This is the best mixture that can be made from existing varieties. The colors are well proportioned, and the amount of each is determined by a well-studied and carefully arranged formula, which has been tried and corrected for many years. All the newer and best varieties are in this mixture.

Striped Varieties Mixed. A beautiful mixture made up exclusively of striped, mottled, and flaked varieties.....

	.10	.20	.45
	.10	.20	.50

CUPID SWEET PEAS

These are low-growing or dwarf sweet peas, about one foot high and spreading to about two feet in diameter. The foliage is dark green and the stems are short, usually from three to six inches long. The blossoms, however, are larger than those of the tall varieties.

They are recommended for a border, especially along a drive or walk, and while the early buds drop off, the whole plant finally comes into bloom nicely, and is a perfect mat of bright flowers. While Cupids exist in all the colors and shades found in the tall varieties, we have listed only the

best ones and those that are freest flowering. The descriptions are the same as those of the tall varieties.

	1 oz.	¼ lb.	1 lb.
White, Pure White, per pkt., 5c.	\$0.15	\$0.40	\$1.00
Pink, color of Earliest of all			
..... per pkt., 5c.	.15	.40	1.00
Countess of Radnor, Lavender.			
..... per pkt., 5c	.15	.40	1.00
Prima Donna, Pink, per pkt., 5c	.15	.40	1.00
Mixture of all varieties, including those listed and many more besides..... per pkt., 5c	.10	.25	.75

SPECIAL COLLECTION OF SWEET PEAS

Our "Incomparable" 25c Collection of Sweet Peas. This package contains one packet each of the following 7 varieties:

King Edward VII: bright red.
Dorothy Eckford: large white.
Prima Donna: fine pink.
Lady Grisel Hamilton: beautiful lavender.
Miss Willmott: orange-pink.
Hon. Mrs. E. Kenyon: soft primrose.
Countess Spencer: new giant pink.

Our "Excellent" 50c collection of Sweet Peas. This package contains one packet each of the following 12 varieties:

Countess Spencer: mammoth pink.
Queen Alexandra: new brilliant scarlet. 10c.
Dorothy Eckford: large white.
Lady Grisel Hamilton: soft lavender.
Miss Willmott: large orange-pink.
King Edward VII: giant bright red.
Helen Pierce: blue mottled white.
Hon. Mrs. E. Kenyon: soft primrose.
Phenomenal: giant picotee, edged blue. 10c.
Othello: deep maroon.
Navy Blue: violet and blue.
Earliest of All: the earliest pink and white.

Our "Splendid" \$1.00 collection of the best Sweet Peas. This package contains one packet each of the following 26 varieties—the newest and best—and 1 packet of Morse's Superb Mixture:

King Edward VII: bright red.
Dorothy Eckford: shell-shaped white.
Countess Spencer: mammoth pink.
Lady Grisel Hamilton: soft lavender.
Miss Willmott: bright orange-pink.
Hon. Mrs. E. Kenyon: large primrose.
Phenomenal: giant picotee edged blue. 10c.
Helen Pierce: blue mottled on white.
Aurora: orange-pink striped on white.
Queen Alexandra: the new scarlet.
Helen Lewis: giant orange and salmon. 10c.
Shasta: fine large white.
Romolo Piazanni: lilac blue.
Janet Scott: buff and brilliant pink.
Othello: deep maroon.
Navy Blue: violet and blue.
Lottie Eckford: white, edged with blue.
Earliest of All: the first to bloom, pink and white.
Stella Morse: buff and bluish pink.
Mrs. George Higginson, Jr.: azure blue.
Morse's Superb Mixture: a mixture of novelties of the Countess Spencer type, not yet offered separately. 10c.
Lovely: soft pink with deep throat.
Golden Rose: primrose with soft pink stripes.
Apple Blossom: pink and white.
Lord Roseberry: bright magenta rose.
Florence Morse Spencer: introduced for the first time this year. Pkt., 10c.
White Spencer: the grandest white. 25c.

SELECT LIST OF VEGETABLE SEEDS

FOR FALL AND WINTER PLANTING

If ordered by mail, add 10 cents per pound for postage on
Peas, and Onion Sets

BEETS—Table Sorts	Oz.	¼-lb.	Lb.
Blood Turnip.....	\$0.10	\$0.20	\$0.60
Early Eclipse.....	.10	.20	.60
Crosby's Egyptian.....	.10	.20	.60
Long Blood Red.....	.10	.20	.60
Detroit Dark Red.....	.10	.20	.60
Broccoli, Large, White.....	.40	1.25	4.00
BRUSSELS SPROUTS			
Half Dwarf.....	.15	.45	1.50
CABBAGE			
Early Jersey Wakefield.....	\$0.20	\$0.60	\$2.00
Succession.....	.20	.60	2.00
Morse's Early Flat Dutch.....	.25	.75	2.50
Hollander or Danish Ball head.....	.20	.60	2.50
Surehead.....	.20	.60	2.00
CARROT			
Improved Long Orange.....	\$0.10	\$0.20	\$0.60
Danver's Half Long.....	.10	.20	.60
Oxheart or Guerande.....	.10	.20	.60
Early Scarlet Horn.....	.10	.20	.60
Earliest French forcing.....	.10	.25	.75
CAULIFLOWER			
California Wonder.....	\$0.10	\$.75	
Early Extra Snowball.....	.25	2.50	
Early Paris.....	.10	.75	
COLLARDS			
True Georgia.....	\$.10	\$.30	\$1.00



Lettuce "Maximum"

An Immense Heading Variety Especially Recommended for Autumn Planting.

LEEK	Oz.	¼-lb.	Lb.
Giant Musselburg.....	\$.15	\$.40	\$1.25
LETTUCE			
Hanson, selected strain.....	\$0.15	\$0.35	\$1.25
Passion.....	.15	.40	1.25
Grand Rapids.....	.15	.35	1.25
Early Curled Simpson.....	.15	.30	1.00
Big Boston.....	.15	.35	1.25
Ice Drumhead.....	.15	.35	1.25
Iceberg.....	.15	.35	1.25
New York or Wonderful.....	.15	.35	1.25
ONION			
Cal. Ex. Early Red.....	\$0.15	\$0.45	\$1.50
Improved Yellow Flat Danvers.....	.15	.45	1.50
Prizetaker.....	.20	.65	2.00
Australian Brown.....	.15	.45	1.50
Red Wethersfield.....	.25	.75	2.00
White Portugal.....	.30	.85	2.75
Yellow Globe Danvers.....	.20	.50	1.75
ONION SETS			
Yellow.....			\$0.20
White.....			.25
PARSLEY			
Extra triple or Moss Curled.....	\$.10	\$.20	\$.60
PARSNIP			
Hollow Crown.....	.10	.20	.50
PEAS			
American Wonder.....		Lb.	100 lbs.
Gradus or Prosperity.....	\$0.15	\$10.00	
Little Gem.....	.20	12.00	
Stratagem.....	.15	9.00	
Yorkshire Hero.....	.15	12.50	
Champion of England.....	.15	7.00	
Telephone.....	.15	8.00	
Telephone.....	.15	10.00	
RADISH			
Scarlet Turnip White Tipped.....	Oz.	Lb.	
Early Scarlet Globe.....	\$0.10	\$0.75	
French Breakfast.....	.10	.75	
Improved Chartier.....	.10	.75	
Long Scarlet.....	.10	.60	
Long White Vienna.....	.10	.75	
Chinese White Winter.....	.10	.90	
SALSIFY			
Mammoth Sandwich Island.....	\$0.20	\$1.00	
SPINACH			
Thick Leaved.....		Lb.	
Savoy Leaved.....		\$0.40	
Prickly.....		.40	
Prickly.....		.30	
TURNIP			
Early Snowball.....	Oz.	Lb.	
Golden Ball.....	\$0.10	\$0.60	
Purple Top Strap Leaf.....	.10	.50	
White flat Dutch.....	.10	.50	
Purple Top White Globe.....	.10	.50	
Rutabaga or Swedes, American Purple Top.....	.10	.50	

FLOWER SEEDS FOR FALL PLANTING

Asparagus, Plumosus, Nanus....	(100 seeds)	\$0.75		
Asparagus, Plumosus, Sprengerii.	(100 seeds)	.50		
Armeria (Sea Pink)		Pkt.	.10	
Columbine, single or double, mixed		.05		
Calceolaria, Tigered and spotted, mixed		.25		
Calendula, Cape Marigold, fine double mixed		.05		
Canterbury Bells (Campanula), Cup and Saucer type mixed		.10		
Canterbury Bells, single, mixed		.05		
Cineraria, Grandiflora, mixed		.25		
Coreopsis, Lanceolata Grandiflora		.10		
Cyclamen, white or crimson		.25		
Delphinium Formosum, perennial Larkspur, azure blue or bright blue		Pkt.	\$.10	
Daisy (Bellis Perennis) Snowball or Longfellow			.10	
Foxglove, fine, mixed			.05	
Gaillardia, large, single			.05	
Hollyhock, double or single or Allegheny, mixed			.05	
Mignonette, Golden Queen or Pure Machet or mixed			.05	
Pentstemon, fine, mixed			.10	
Pansies—see page 15				
Primula Sinensis, choice mixed			.25	
Snaptadragon, Giants, mixed			.10	
Sweet Peas—see page 17				
Sweet William, single, mixed			.05	
Stocks, Emperor or Perpetual, mixed			.10	
Stocks, Winter or Perennial Brompton			.10	

EUCALYPTUS

Amygdalina (Giant Gum Tree)	Pkt.	Oz.	Lb.
Marginata (Jarrah).....	\$0.25	\$0.75	\$7.50
Gonilocalyx.....	.25	.75	
Resinifera.....	.15	.75	
Rostrata (Red Gum).....	.25	.75	7.50

TREE SEEDS

Tereticornis (Gray Gum).....	Pkt.	Oz.	Lb.
Rudis (Desert Gum).....	\$.15	\$.75	\$..
Corynocalyx (Sugar Gum).....	.15	.75	
Globulus (the ordinary Blue Gum).....	.15	.50	5.00
Robusta (Swamp Mahogany).....	.25	1.00	

WE ARE HEADQUARTERS IN CALIFORNIA FOR CLOVER AND GRASS SEEDS

TO MAKE A GOOD LAWN

The soil cannot be too well prepared. It does not need to be so very rich since a long growth of grass is not so necessary as a thick root growth. Most soil needs, however, some barnyard manure spaded into it, and a covering of half an inch of loam. After it has been well worked it should be watered and allowed to rest two or three weeks so that the weeds can start and be hoed. A second watering and hoeing two weeks later would be well if the time can be spared. The soil should be well rolled before planting the seed since the land needs to be firm and compact. Sow the seed with a sieve if possible, after which cover with a light sprinkling of sandy loam, also put on with a sieve. The seed may, however, be thrown on broadcast and raked in. A lawn may be sown in California any time in the year if there is plenty of water available for irrigating.

Good Lawns are made from pure Kentucky Blue Grass, or Perennial Rye Grass or White Clover, but we recommend, as vastly superior to these, our lawn grass Mixtures, as offered below. These give a thick turf and a perennial greenness which is not found in the straight grasses, alone, as many using them have testified.

One pound of grass seed is required for 250 square feet of lawn. Use half that quantity for renovating old or worn out lawns and apply our Special Lawn Fertilizer, which will greatly invigorate the growth. 25 pounds, \$1.25; 50 pounds, \$2.00

MORSE'S CALIFORNIA LAWN SEED

A mixture of more than half a dozen good perennial lawn grasses, all of the heaviest re-cleaned seed. It gives the very best results in thick, deep green, sturdy lawns. Lb. 35c; 100 lbs. \$30.00.

Our Golden Gate Park Lawn Mixture. We especially recommend this mixture for those requiring a quick-growing, thick, sturdy lawn which remains green all winter, as well as other seasons of the year; especially for sandy soils. This variety contains a small proportion of white clover, just enough to make it a thick mat. In pound packages, 35c; 100 lbs., \$30.00.

Morse's Velvet Lawn Mixture. A combination of soft, deep green grasses, which form a thick mat especially in the summer. Is easy to cut and easy to grow in good, moist, rich soil, and is especially recommended for adobe soils. Per lb., 35c; 100 lbs., \$30.00.

CLOVER SEED

If ordered by mail, 10 cents per pound must be added for postage
Large Lots at Market Prices

Alfalfa—One of the most valuable and largely grown forage plants, yielding five or six crops of hay in the season, which is relished by all kinds of stock and is very nutritious. Twenty-five to thirty pounds of seed are required for an acre. 25c per lb.

Alsike or Swedish Clover—Succeeds best in cold, stiff soils and in marshy land too wet for other species; is very hardy and withstands severe cold; is a good honey plant for bees. Fifteen pounds to the acre. 25c per lb.

Crimson or Scarlet Clover—Largely grown for improving the soil by turning under; makes a valuable pasture crop, and if for hay should be cut when in full bloom. Sow 15 pounds to the acre. 25c per lb.

Mammoth Red or Sapling Clover—Grows much larger and lasts longer than the common red clover; being a rank grower, it is largely used for soiling. 15 lbs. to the acre. 25c per lb.

Red Clover—Valuable not alone as a forage plant, but also for its fertilizing properties on the soil; makes an excellent quality of hay and can be cut twice a year. 15 lbs. to the acre. 25c per lb.

White Clover—Of dwarf habit with creeping stems, rooting at the joints, on which account it makes an excellent turf that stands constant tramping. Sow 8 to 10 pounds to the acre. 30c per lb.

NEW CROP GRASS SEEDS

RELIABLE—RECLEANED—FOR FALL SOWING

The prices of some varieties of these seeds may change as the season advances. Prices now given are those prevailing when this catalogue was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities.

If ordered by mail 10c per pound must be added for postage.

	Weight per bush.	Quantity to plant per acre	Per lb.	Per 100 lbs.
Australian Salt Bush (A triplex Semi-bacata): a valuable plant for poor soils, especially those containing alkali. Sow seed in the fall, to get the benefit of early rains, using 2 pounds per acre. After the plant gets a good start it will grow with very little moisture.....	14 lbs.	12 lbs.	\$1.25	
Awnless Brome Grass (Bromus Inermis): will stand droughts and produce heavy crops in dry sections and on poor soils where other grasses perish. It is one of the hardiest grasses and succeeds in a wide range of temperature.....		40 "	.20	\$15.00
Bermuda Grass (Cynodon Dactylon): of great value in the Southern part of the State....	35 "	10 "	.60	50.00
Creeping Bent Grass (Agrostis Stolonifera): excellent for lawns; succeeds well in most situations.....	20 "	40 "	.35	28.00
Crested Dog's Tail (Cynosurus Cristatus): should enter in moderate quantity in permanent pasture and lawn mixtures.....	21 "	30 "	.65	60.00
Hard Fescue (Festuca Duriuscula): a dwarf growing grass, forming a dense, fibrous mat, succeeding well in dry situations.....	16 "	30 "	.25	20.00
Hungarian Grass (Panicum Germanicum): is a valuable annual forage plant.....	48 "	60 "	.10	6.00
Italian Rye Grass (Lolium Italicum): thrives in almost any soil and yields early and abundant crops. Sown in the fall, will produce an excellent hay crop the following season, but lasts only one year.....	20 "	50 "	.10	8.00
Kentucky Blue Grass (Poa Pratensis): fancy or double extra clean. Though offered at the standard weight of 14 lbs. per bushel, the natural weight of this fancy seed is 20 lbs. per measured bushel.....	14 "	60 "	.30	25.00
Meadow Fescue (Festuca Pratensis): of great value in mixtures for permanent pasture....	27 "	35 "	.15	12.00
Meadow Foxtail (Alopecurus Pratensis): one of the best grasses for permanent pasture, early and of rapid growth.....	7 "	4 "	.35	30.00
Mesquite (Holcus lanatus): valuable on the cleared redwood and pine lands of California and Oregon, giving large crops of hay and good pasture.....	7 "	35 "	.10	8.00
Millet, German (Panicum Germanicum): will grow on any good land and yields heavily when artificially watered; yields from 40 to 60 bushels of seed per acre, which is excellent food for stock or poultry.....	48 "	30 "	.10	5.00
Orchard Grass (Dactylis Glomerata): one of the most valuable of all pasture grasses; produces an immense quantity of forage, and well adapted for growing in orchards or under trees.....	14 "	25 "	.35	30.00
Imported fancy domestic, excellent quality and recleaned.....			.25	20.00
Perennial Rye Grass (Lolium Perenne): it grows rapidly and makes a good showing within a month from time of sowing.....	24 "	50 "	.15	7.00
Australian Rye Grass : specially selected and recleaned for lawns.....			.15	10.00
Red Fescue (Festuca Rubra): forms a close, rich sod and is valuable in lawns.....	14 "	30 "	.25	22.00
Red Top (Agrostis Vulgaris): choice, valuable for either hay or permanent pasture.....	14 "	30 "	.10	7.00
Red Top (Agrostis Vulgaris): fancy or extra recleaned seed; reaches highest perfection on moist rich soils.....	32 "	25 "	.20	18.00
Rhode Island Bent Grass (Agrostis Canina): a fine variety for lawns on sandy beaches....	15 "	50 "	.35	28.00
Rough-Stalk Meadow Grass (Poa Trivialis): excellent for pastures and meadows particularly on damp soils.....	14 "	20 "	.45	40.00
Sheep's Fescue (Festuca Ovina): short and dense in growth, excellent for sheep pastures. Valuable also for lawns.....	16 "	35 "	.25	20.00
Sweet Vernal, True Perennial (Anthoxanthum Odoratum): emits an agreeable odor which it imparts to the hay.....	10 "	3 "	.75	....
Tall Meadow Fescue (Festuca Elatior): early, nutritive and productive in pastures on wet or clay soils.....	20 "	40 "	.45	40.00
Tall Meadow Oat Grass (Avena Elatior): of rapid, luxuriant growth, recommended for soiling and in permanent hay mixtures.....	12 "	40 "	.25	20.00
Timothy (Phleum Pratense): the grade we offer is particularly "choice," free from weed seeds and of high germinating power.....	45 "	15 "	.10	9.00
Wood Meadow Grass (Poa Nemoralis): of early growth and thriving well under trees.....	19 "	30 "	.60	55.00

See page 21 for List of Clover Seeds

HORTICULTURAL TOOLS AND REQUISITES

The "Cooper" Brass Hose Mender. Made of thin brass tubing; will not rust or wear out; scarcely decreases the flow of water. Easy to apply and a good mender. Will not leak. For $\frac{1}{2}$ -inch and $\frac{3}{4}$ -inch hose.

Price, **10c** each; **\$1.00** per dozen. Postage, **15c** per dozen. For 1 inch hose **15c** each.

Watering Pot. Galvanized iron, with brass fittings and two brass roses, one fine and one coarse, with each pot. 6-quart, **\$2.50**; 8-quart, **\$2.75**; 10-quart, **\$3.25**.

Grafting Wax. $\frac{1}{4}$ lb., **10c**; $\frac{1}{2}$ lb., **15c**; 1 lb., **25c**.

Garden Stakes. Heavy, round, painted green, pointed. 5 feet, **\$1.35** per doz.; 4 feet, **\$1.25** per doz.; 3 feet, **90c** per doz.

Bamboo Canes. Per dozen, 4 ft., **20c**; 5 ft., **25c**; 6 ft., **30c**; 7 ft., **35c**.

GOPHER AND MOLE TRAPS

Macabee Gopher Trap. Without doubt the best trap made; never fails to catch them. **30c** each.

Mole Trap. Reddick, is all right. **\$1.00** each.

Knives, Budding. Ivory handles, finest quality English steel, straight blade, long handle, **\$1.50**. Round point blade, curved handle, **\$1.25**. Special knife for propagating, round blade, ebony handle, ivory wedge, **\$1.25**.

Knives, Pruning. Ebony handles, finest quality. Medium size, single blade, **\$1.00**; large size, single blade, **\$1.25**.

Labels, Wooden. For trees, pots, and gardens.

Tree Labels

	Unpainted	Painted
	Per 100	Per 1000
3 $\frac{1}{2}$ -inch iron wire.....	\$0.20	\$1.25
3 $\frac{1}{2}$ -inch copper wire.....	.30	1.75
4 -inch Pot Labels.....	.15	.75
5 -inch Pot Labels.....	.20	1.00
6 -inch Pot Labels.....	.20	1.00
8 -inch Pot Labels.....	.50	4.00
10 -inch Garden Labels.....	.60	6.25

Moss. Selected Oregon..... Per lb., **10c**; 100 lbs., **\$5.00**
Selected Sphagnum..... Per lb., **15c**; 100 lbs., **6.00**

SYRINGES, SOLID BRASS

The Morse Garden Syringe. Polished brass, 18x1 $\frac{1}{2}$ inches, fitted with adjustable plunger; one coarse rose, one fine rose, and one jet spray..... **\$5.00** each

Ladies' Garden Syringe. Polished brass, 16x1 $\frac{1}{4}$ inches, coarse and fine spray and jet..... **\$4.00** each.

RAFFIA

Raffia. Largely used by nurserymen and others and considered the best and cheapest material for tying known. Per lb., **20c**; in 10 lbs. lots, **15c** per lb.
In bale lots (224 lbs.) write for special prices.

Trowels. Solid shank, cast steel..... **50c** each.

INSECT DESTROYERS

The following cannot be sent by mail, except where noted, but must go by express or freight:

Bordeaux Mixture. The best and most generally used spray for blight, mildew, etc. All prepared and ready for use; makes 50 gallons. 1-qt. cans, **65c**; 1 gal. cans, **\$1.50**

Grape Dust. A non-poisonous powder for the remedy and control of mildew and rot on grapes, roses, etc. 5-lb. package, **50c**.

"Rose-Leaf" Extract of Tobacco. Most effectual for the destruction of insects on plants. Dilute with from 30 to 150 parts of water. 1 pint, **55c**; 1 quart, **75c**; 1 gallon, **\$2.50**

Slug-Shot. Destroys all insects injurious to house and garden plants, vegetables, and fruits of all kinds, also poultry lice; as effective as Paris green without the danger from poison. 1-lb. cartons with perforated top for applying. **20c** each; if by mail, **20c** extra; 5-lb. package, **40c**; 10-lb. package, **75c**. Tin Dusters for applying Slug-Shot, **40c** each.

Tobacco Dust. The most economical form to use tobacco as an insecticide; fatal to green and black fly and similar garden pests, by simply dusting over the plants. If dug around the roots will keep away all pests below ground and insure health to the plants. **10c** per lb.; if by mail, **15c** extra.

Morse's Burning Brand of Tobacco Dust. The best and cheapest nicotine fumigator. It will kill all insect life in greenhouse without the slightest injury to flower or leaf. Give it a trial is all we ask. Write us for a free sample and directions. **10c** per lb.; **\$6.00** per 100 lb. sack.

Kerosene Emulsion. Ready to use; will kill scale, green lice and other tree pests; makes 25 gallons of spray. 1-quart cans, **65c**; 1-gallon cans, **\$1.50**.

California Wash. Lime, sulphur, and salt. Makes 30 to 40 gallons of spray. The only effective spray for San Jose scale; apply when leaves are off the trees. 1-quart can, **65c**; 1-gallon can, **\$1.50**.

Paris Green. In cans, pure..... $\frac{1}{2}$ lb., **30c**; 1 lb., **50c**

Powdered Hellebore. For killing caterpillars and other pests of this nature. Is a poison and very deadly to insects but not to people. $\frac{1}{2}$ lb package, **20c**; 1-lb. package, **35c**.

Sulpho-Tobacco Soap. A wonderful insect and bug exterminator. 3-oz. cake (makes 1 $\frac{1}{2}$ gallons prepared solution), **10c**; mailed, postpaid, **13c**; 8-oz. cake (makes 4 gals. prepared solution), **20c**; mailed postpaid, **28c**.
Whale Oil Soap. Dissolved in water makes an excellent spray for scale on palms, etc. $\frac{1}{2}$ -lb. package, **15c**; 1-lb. package, **25c**; postage **16c** per lb.; 10 lbs. in bulk, **\$1.50**.

WOODASON BELLOWS AND ATOMIZERS

These are the best made bellows; will last a long time and are very effective.

	Each
Bellows, Double Cone.....	\$3.50
Bellows, Large Single Cone, with spreader.....	2.50
Bellows, Small Single Cone.....	1.50
Liquid Atomizer, large.....	2.50
Liquid Atomizer, small.....	1.50

Houchin Powder Bellows, in three sizes. **\$1.00**, **\$1.25** and **\$1.50** each.

Jumbo Powder Gun...... **30c** each, postpaid

Large Floradora Powder Gun. Holds $\frac{1}{2}$ -lb. of powder. **40c** each, postpaid.

Morse's Tin Sprayer. For spraying liquid insecticides of all kinds on plants, kerosene in chicken houses, etc. An all-round useful instrument and at a low price. **65c** each; **\$1.50** for three.

Lightning Tin Sprayer. With glass jar for holding the liquid. **\$1.00** each.

White Wash Pump. Brass, fine for chicken houses, fences etc. **\$1.50** each.

Meiers Bucket Pump. A standard force pump of heavy brass. **\$3.75** each.

Lawn Force Pump..... **\$1.00** each

Rubber Plant Sprinklers, for indoor watering, straightneck. **\$1.00** each.

Rubber Plant Sprinklers, for indoor watering, angleneck. **\$1.00** each.

THERMOMETERS

Japanned greenhouse, 8-inch scale..... **20c** each; 6 for **90**

Japanned greenhouse, 10-inch scale..... **25c** each; 6 for **\$1.30**

Spirit Thermometer, accurate, easy to read..... **\$2.00** each

Maximum and minimum thermometer, records each day the extreme heat and cold, porcelain scale..... **\$4.00** each

Maximum and minimum thermometer, records each day the extreme heat and cold, wood scale..... **\$2.00** each

Mushroom and hot bed, brass point..... **\$1.25** each

Mushroom and hot bed, extra fine, heavy brass..... **\$2.50** each

SUITABLE PLANTS FOR AUTUMN PLANTING

ABBREVIATED LIST

For Complete List send for Beautifully Illustrated Catalogue. FREE

Our stock of ornamental trees and shrubs, grown at our Livermore Nurseries, free from disease or insect pests, is large and varied and intending planters would do well to write us for special prices.

Greenhouses and Sales Yard: Glen Ave., off Piedmont Ave., Oakland

Two Blocks from terminus of Key Route

How to reach our Nurseries from San Francisco: Take the Key Route Ferry to Piedmont Station and walk one block down Glen Avenue. 35 minutes' ride from San Francisco, or from Oakland take the Piedmont Ave. Cars. Visitors are welcome to view our large stock.

Prices quoted herein cancel all previous quotations.

Hardy Evergreen Trees and Shrubs

Acacia Cultriformis: foliage of this variety is triangular in form; color beautiful sea-green; profuse in bloom; of medium-sized growth. A most lovely variety. **35c** each.

Acacia Latifolia: resembles the "Melanoxylon" variety, but leaves are longer, and tree more floriferous. 5 feet, **60c** each; **\$5.00** per 10. Smaller plants, **25c** each; **\$2.00** per 10.

Acacia Linearis: long feathery foliage, very beautiful. 3 to 4 feet, **50c** each.

Acacia Melanoxylon (Blackwood Tree): a strong upright growing tree. **Very desirable for parks and street ornamentation.** 2 to 3 feet, **25c** each; **\$2.00** per 10; 3 to 4 feet, **40c** each; **\$3.50** per 10; 6 to 7 feet, **75c** each, **\$6.00** per 10.

Acacia Mollissima: a fine erect-growing tree, with glaucous green, feathery foliage; flowers yellow, **produced in early spring in great profusion.** A rapid-growing tree. 2 to 2½ feet, **35c** each; 3 to 4 feet, **60c** each.

Acacia Pycnantha (Golden Wattle): leaves long and narrow, flowers in long solitary axillary spikes. 2 to 3 feet, **35c** each; **\$3.00** per 10. Smaller plants, **15c** each.

Acacia Retinoides Florabunda: pendulous habit; sea-green foliage; very floriferous and sweet perfumed. 2½ to 3 feet, **35c** each; **\$3.00** per 10; 4 feet, **50c** each; 6 feet **75c** each.

Abies Balsameana (Balsam Fir): a very erect regular pyramidal tree with dark green somber foliage; grows rapidly and is very hardy, suitable for planting in cold damp woods and swamps. Balled, 2 to 2½ feet, **\$1.50** each.

Abies Blue (Glaucous Spruce): a small and beautiful variety of rather loose spreading habit, with bluish green foliage; very hardy and valuable. 1½ feet, **75c** each.

Abies Coerulea Hudsonii: deep sea-green foliage. Most desirable. Balled, 1½ feet, **\$1.00** each.

Abies Cilicla (Cilician Silver Fir): a distinct and beautiful species from the mountains of Asia Minor. It is a compact grower, the branches being thickly set on the stems; foliage dark green; quite hardy. One of the best of the Silver Firs. Balled, 2½ feet, **\$1.50** each.

Abies Concolor: a beautiful Conifer, having lovely sea-green foliage. Balled, 1½ feet, **\$1.00** each.

Abies Cephalonica (Cephalonian Silver Fir): from Europe. A remarkable and beautiful species; very broad for its height; leaves silvery and dagger-shaped with a spine on the point; quite hardy and vigorous. Balled, 2½ feet, **\$1.50** each.

Abies Douglasii: a magnificent, rapid growing tree with leaves light green above and glaucous below. A superb tree, balled. 2 to 2½ feet, **60c** each; **\$4.00** per 10.

Abies Engelmannii: this fine new Conifer is found on the higher parts of the Rocky Mountains. In its most favorable localities this species makes a stately tree, 60 to 100 feet high, forming a narrow tapering spire of a rather dark hue. A suitable tree for reforesting mountain slopes. Balled. 2 to 2½ feet, **\$2.00** each.



Douglas Spruce (*Abies Douglasii*)

HARDY EVERGREEN TREES AND SHRUBS

(CONTINUED)

Abies Firma: a stately tree, attaining in favorable localities a height of 150 feet; branches horizontal, leaves deep glossy green above, paler beneath. A native of Japan. Balled, 2 to 2½ feet, **\$1.50** each.

Abies Menziesii (Sitka Spruce): Alaska and Northwestern Coast; low elevation; moist soil and climate; shady situations. Rapid grower. Balled, 2 feet, **\$1.00** each.

Abies Nordmaniana (Nordmann's Silver Fir): this majestic Fir, from the Crimean Mountains, is of symmetrical form, vigorous and quite hardy. 3-inch pots, **30c** each; balled, 1½ feet, **\$1.00** each; balled, 2½ feet, **\$2.50** each.

Abies Pinsapo: a beautiful tree; its compact growth and unique appearance render it worthy of a place in the garden. The foliage is of a yellowish hue, with glaucous stripes. Balled, 1½ feet, **\$1.00** each; balled, 2 feet, **\$3.00** each.

Abies Polita (Tiger's Tail Spruce): a distinct Japanese species. It is of erect habit and has rigid sharply pointed leaves of a bright green color. 5-inch pots, **75c** each.

Araucaria Bidwellii: branches in regular whorls; closely set with spiny, shining, deep-green leaves. Very handsome for the lawn. Thrives well here. 4-inch pots, **75c** each; balled, 1½ feet, **\$2.00** each; balled, 2½ feet, **\$3.50** each.

Araucaria Excelsa (Norfolk Island Pine): one of the handsomest of all trees; pyramidal in form and very symmetrical; hardy in protected locations. Excellent for parlor decorations. **\$3.00** to **\$5.00**, according to size.

Arbor Vitae, Golden: a very choice shrub. It is of a low, compact growth; foliage beautiful golden-yellow. For lawn adornment it is unsurpassed, the yellow foliage contrasting to perfection with the green lawn. Balled, 1 foot, **50c** each; 2 feet, **\$1.00** each.

Aucuba Japonica: this shrub is sometimes called the "Gold-Dust Tree," on account of its large glossy foliage being marked with yellow spots. It is an extremely beautiful plant, and is of slow, spreading growth. In the warmer sections it should have partial shade. 4-inch pots, **35c** each; balled, 1½ feet, **50c** each.

Aucuba Latifolia Viridis: this variety has dark-green shining foliage; in winter time it is covered with red berries, which greatly enhance its beauty. 4-inch pots, 1½ feet, **35c** each.

Azalea Indica: these beautiful plants are becoming more popular every year for forcing, window, store and conservatory decorations. They are also adapted for outdoor planting. The Azaleas which we offer are all grafted and have bushy crowns, and are well set with flower buds. Assorted kinds, **\$1.50** each.

Bamboo Kumassa: small slender, grassy foliage. Clumps, 2 feet, **50c** each.

Bamboo Mitis: one of the largest bamboos; it attains a height of 28 to 38 feet. The canes are used extensively for furniture work, water-pipes, etc. Clumps, **50c** and **75c** each.

Bamboo Black: this variety attains a height of 30 feet. The canes are black; used for making walking sticks, umbrella handles, etc. Clumps. **50c** and **75c** each.

Bamboo Quillol: a very large-growing sort, attaining a height of 40 feet. Clumps. **50c** and **75c** each.

Box Tree, Dwarf (Suffruticosa): a fine small bush, with glossy, roundish leaves. The variety so extensively used for edging. Strong plants. **75c** per doz.; **\$5.00** per 100.

Breath of Heaven: see Diosma.

Broom Andreana: the flowers of this variety are yellow and brown. 2½ feet, **50c** each.

Broom, Scotch, Yellow: 3 feet, **50c** each; **\$4.00** per 10.

Broom, Scotch, White: **50c** each.

Broom, Spanish: an upright growing shrub. Flowers yellow, produced very freely in the spring and summer. Pot grown, 2 to 3 feet, **50c** each.

California Big Tree: balled, small plants, **30c** each; balled, 1½ to 2 feet, **\$1.00** each; balled, 3 feet, **\$2.50** each.

California Redwood: 4 inch pots. **30c** each; balled, 1½ feet. **60c** each.

California Live Oak (*Quercus agrifolia*): a familiar sight in our California landscapes, which adds so much to its beauty. Balled, 1½ to 2 feet, **50c** each.

Camellias: these showy Japanese shrubs are familiar to nearly everyone. They bloom early in springtime, and are a great acquisition to the garden. The waxy, odorless flowers are produced very freely. We offer the double white, double pink, double red. **80c** and **\$1.00** each.

Camphor Tree: a fast-growing, very symmetrical, ornamental tree, thriving in the very poorest soil. A native of Japan. Bright green foliage; well adapted for lawn purposes. 4-inch pots, 2 feet, **40c** each; 3 feet, **60c** each.

Casuarina, Beef Wood Tree of Australia: the picture of the Casuarina gives us a good idea of the habit of this beautiful tree. It is eminently adapted for forest planting in California. We particularly commend this tree for this purpose. The Casuarinas are of rapid growth and suit themselves alike to the cold, bleak winds of the ocean or the hot interior valleys. As an ornamental tree, we consider the Casuarina as one of our best evergreen trees. We offer the following varieties: **Equisetifolia**, 5 inch pots, **35c** each. **Stricta**, balled, 3 to 4 feet, **35c** each; **\$3.00** per 10; balled, 5 feet, **60c** each; 5 inch pots, **35c** each; transplanted in boxes, **\$3.00** per 100. **Suberosa**, 4 inch pots, **35c** each.

Cedar, Atlantica Glauca: a beautiful sort, with lovely, sea-green foliage, of rapid growth; most desirable. Balled, 2 feet, **50c** each; **\$4.00** per 10; balled, 7 feet, **\$6.00** each.

Cedar, Deodara—Himalaya Cedar: exceedingly handsome, with drooping branches and silvery, green foliage, forming a dense network. Perhaps the grandest of coniferous trees. Succeeds admirably in warm sections, of very rapid growth. **50c**, **75c** and **\$1.00** each.

Cedar, Lebanon: a magnificent tree, with short horizontal branches and dense, dark green foliage. **50c**, **75c** and **\$1.00** each.

Cryptomeria Japonica: the Cryptomeria thrives best in a dry, hot climate; therefore it is just the tree for this State. It is of rapid growth, and is very ornamental as a young tree. 3 inch pots, **20c** each; 4 inch pots, **50c** each; **\$4.00** per 10.

Cypress, Lawson, Silver: this California species has great beauty. It is of rather an upright growth; the branches droop gracefully, and the foliage is of a lovely sea-green color. 4 inch pots, **50c** each; balled 2½ to 3 feet, **60c** each; **\$5.00** per 10.

Cypress, Monterey: a native of California, and one of the most desirable of evergreens. Very extensively planted for hedges. Transplanted in boxes, 2 years, 100, **\$3.00**; pot grown, 1½ feet, **25c** each; balled, 2½ to 3 feet, **30c** each.

Daphne, White Flowering: a low-growing shrub, with dark, green foliage, and very fragrant white flowers. **80c** and **\$1.50** each.

Daphne, Pink Flowering: **\$1.00** each.

Diosma Alba, Breath of Heaven: a handsome little shrub, with heath-like foliage and small, white, star-shaped flowers. The leaves when bruised emit a sweet perfume. **25c**, **35c**, and **50c** each.

Eucalyptus Crebra: pot grown, 2 to 3 feet, **25c** each.

Eucalyptus Globulus, Tasmanian Blue Gum: one of the most useful of all, and a very rapid grower. Pot grown, 2 to 3 feet, **20c** each. Transplanted in boxes, **\$2.50** per 100; **\$20.00** per 1000.

Eucalyptus Polyanthema: pot grown, 2 feet, **20c** each.

Eucalyptus Rostrata, Red Gum: transplanted in boxes. **\$2.50** per 100. Pot grown, **25c** each; **\$2.00** per 10.

Eucalyptus Viminalis: well known and highly esteemed. Pot grown, **25c** each. **\$2.00** per 10.

N. B. A more comprehensive list will appear in our general catalogue. If interested in Eucalypti planting write for varieties and prices.

HARDY EVERGREEN TREES AND SHRUBS—Continued

Euonymus, Silver Variegated: a most beautiful shrub. 20c and 50c each.

Fabiana Imbricata: a very pretty, heath-like shrub of erect growth, producing pure white tube-shaped flowers in great profusion; when in bloom it is a most lovely shrub. 25c each.

Grevillea Robusta, Australian Silk Oak: a splendid fern-leaved evergreen tree which makes a magnificent pot plant for all sorts of decorative purposes; flowers golden yellow; planted out in this State, it soon forms a magnificent lawn or shade tree. 60c each.

Heath, Mediterranean: this variety is most desirable; it produces its small, wax-like, pink flowers in wonderful profusion. 35c and 50c each.

Holly, European: a small tree with shining, dark green, thorny leaves somewhat resembling the oak in form; in winter the tree is covered with bright red berries. 75c each.

Laurel, English: 60c each.

Laurel, Portugal: 60c each.

Laurel, Sweet Bay: a very ornamental, upright-growing shrub, with deep, dark green, fragrant leaves and covered in the fall with berries; if properly pruned, one of the handsomest decorative plants. 35c and 50c each.

Laurustinus: a well-known winter-flowering shrub of great beauty, producing an abundance of white flowers, well adapted for hedges. 15c, 35c and 50c each.

Libocedrus Chilensis: a beautiful sort. 50c each.

Ligustrum Japonicum (Japan Privet): produces large clusters of white flowers slightly fragrant, followed by purplish blue berries; leaves glossy, leathery, dark green. A large-growing shrub (or small tree). Makes an excellent hedge; stands trimming well. It also makes a very handsome sidewalk tree when trimmed up. 30c and 50c each.

Loquat: this tree produces a very delicious fruit which ripens in early summer; it comes in clusters and is yellow in color. It is also valuable as an ornamental tree; the leaves are large, crumpled, and olive-green in color. 50c each.

Magnolia Grandiflora Exoniensis: a lovely evergreen species with large, leathery bright green leaves that look as if made of wax, 1 foot or 18 inches long and 4 inches wide; in addition to the beauty of the foliage it bears large fragrant white flowers; very rare and choice. 50c, \$1.00 and \$1.50 each.

Myrtle, Common: a dwarf shrub with shining green leaves and fragrant white flowers. 50c each.

New Zealand Flax: 50c and \$1.00 each.

Oleander: double white. Double pink. 75c each.

Olea Fragrans: a little-known Japanese shrub; desirable on account of its pretty foliage and sweetly fragrant small white flowers. We recommend it as we know it will give satisfaction. 3 feet, \$1.00 each.

Pepper Tree: a most popular shade and ornamental tree, with fine feathery foliage; producing clusters of reddish berries in autumn. 25c, 35c and 50c each.

Pine, Monterey: the most desirable pine for shade, and more extensively planted than any other variety in this State. Pot grown, 2 to 2½ feet, 30c each; balled, 3 feet, 50c each; balled, 6 to 7 feet, 75c each, \$6.00 per 10.

Pine, Scotch: a fine, robust, rapid-growing tree with stout erect shoots and silvery-green foliage. Pot grown, 1½ to 2 feet, 25c each; balled, 3 to 4 feet, 50c each, \$4.00 per 10.

Pinus Canariensis: a quick-growing pine with beautiful glaucous foliage. Balled, 3 to 4 feet, 50c each.

Pinus Pinea: balled 2 to 2½ feet, 35c each.

Pittosporum Nigricans: a very handsome, upright-growing shrub, with silvery light-green leaves and black stems. A good hedge plant, and very ornamental as an individual. 1½ feet, 25c each, \$2.00 per 10; 2½ feet, 30c each, \$2.50 per 10.

Pittosporum Eugenoides: a large, upright-growing shrub, with glossy yellowish green leaves; a very effective shrub, and excellent for hedges. 1½ feet, 25c each, \$2.00 per 10; 2½ feet, 30c each, \$2.50 per 10.

Pittosporum Undulatum: flowers sweetly scented; very desirable. 1½ feet, 35c each.

Rhododendrons: these are among the grandest of our hardy flowering shrubs and can not be surpassed for lawn decoration; the flowers range through shades of rose, pink, crimson, white, etc.; should be planted in partial shade. Price, \$1.50 and \$2.00 each. (For varieties and description, see our annual catalogue.)

Spruce: (See Abies.)

Swainsona Grayana, Darling River Pea: flowers rose color, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling the flowers of a sweet pea; leaves small, acacia-like; a most desirable ever-blooming plant. 35c each.



Casuarina. Beef Wood Tree of Australia

See Page 25

Swainsona Galegifolia Alba: this variety has delicate white flowers. 35c each.

Sweet Bay: (See Laurel.)

Thuja Gigantea: a very ornamental, fast growing California arbor vitae, attaining great size. 25c and \$1.50 each.

Thujopsis Dolobrata: leaves shining green above, silvery white beneath; of a pendulous and dwarfish habit; branchlets coral-like in appearance; a most peculiar looking tree from Japan. \$1.00 each.

Veronica Imperialis: the finest of the species. Flowers amaranth. 50c each.

Veronica Traversii: a most desirable sort; of dwarf habit; flowers pure white. 25c and 35c each.

Yew, English: 50c each.

Yew, Golden English: most beautifully colored. 50c each.

Yew, Irish: 50c each.

Deciduous Trees and Shrubs

Althea: one of our showy ever-blooming deciduous shrubs. A great favorite. **Double White.** **Double Pink.** 2 feet, 30c each.

Ash, American: 3 to 4 feet, 35c each.

Ash, European: a lofty tree of rapid growth, with spreading head and gray bark; pinnate leaves and black buds. 3 to 4 feet, 35c each.

Azalea Mollis: the flowers are larger and of more perfect form than those of *Azalea Pontica*, and resemble in form and size the flowers of the *Azalea Indica*. Their gorgeous colors vary from yellowish white, rose, all shades of yellow to richest orange. Large, strong, bushy, named plants. 75c and \$1.00 each.

Azalea Pontica: this is one of the most beautiful varieties of hardy shrubs. Their flowers vary from the purest white to the most gorgeous scarlet and crimson; sweetly fragrant. 75c and \$1.00 each.

Deutzia Crenata: the Deutzias are among the showiest of our shrubs, producing their flowers all along the branches in the springtime. This variety has single white flowers, suffused pink. 30c each.

Deutzia Gracilis: this variety is dwarf-growing and produces its pure white flowers in prodigal luxuriance. 35c each.

Elm, English: 5 to 6 feet, 50c each, \$4.00 per 10, \$30.00 per 100.

Elm, American Black: 5 to 6 feet, 50c each, \$4.00 per 10; \$30.00 per 100.

Elm, Latifolia: 5 to 6 feet, 50c each; \$4.00 per 10; \$30.00 per 100.

Hydrangea Paniculata Grandiflora: flowers spike-shaped pure white, most floriferous; makes a grand specimen on the lawn. 1½ to 2 feet, 35c each; 3 feet stems, 80c each. (This size nice for lawns as they are trained in tree form.)

Hypericum Moserianum: produces long, slender, much branched stems, leafy to the base and all drooping towards the ends; it is marvelously free flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers; blooms continuously the entire season. Strong plants, 35c each.

Hypericum Patulum, St. John's Wort: a most desirable shrub; it has single flowers of a buttercup yellow, produces nearly the entire summer, and thrives exceedingly well in dry ground. 25c each.

Kolreutaria Paniculata: a small, round-headed tree, with large panicles of golden yellow flowers. 5 feet, 40c each.

Laburnum, or Golden Chain: a beautiful small-growing tree, with long drooping racemes of fragrant yellow flowers. 4 to 5 feet, 50c each.

Larch, European: 1½ feet, 35c each.

Lemon Verbena: the fragrance from the foliage of this old favorite is delightfully refreshing. 1½ feet, 30c each.

Lilac, Purple and White: 2½ feet, 40c each.

Locust, Bessoniiana (Thornless): the most ornamental of all the Locust family; forms a solid, compact head, with dark green, luxuriant foliage. 5 to 6 feet, 60c each.

Locust, Common or Black: a rapid-growing tree with spreading branches; a valuable timber tree; used for various mechanical purposes. 4 to 6 feet, 40c each; 6 to 7 feet, 60c each.

Locust Decaisneana, Pink Flowering: remarkable for its vigorous growth and its fine rose-colored flowers. 3 to 4 feet, 50c each; 5 feet, 75c each.

Magnolia Conspicua: of medium size, shrub-like in growth while young, but attains the size of a tree in time; the flowers are large, pure white, and very sweet, appearing before the leaves. 2 feet, 50c each.

Magnolia Gracilis Purpurea: flowers reddish purple. 3 feet, 50c each.

Maiden Hair Tree: 3 to 4 feet, 50c each.

Maple, Box Elder: a large-growing, handsome tree, of rapid growth; foliage ash-like; a fine avenue tree. 6 to 7 feet, 60c each; \$5.00 per 10.

Maple, English or Cork-Barked: a native of Europe attaining a height of sixty feet; a stocky tree, of compact, roundish habit, with rough corky bark full of deep fissures. An excellent variety in the interior as it does not sunburn. 4 to 5 feet, 40c each; \$3.50 per 10.

Maple, Norway: a large, handsome tree, with broad, deep green foliage and of very compact growth, rendering it one of the most desirable varieties for the street, park or garden. A valuable variety in the interior valleys. 5 to 6 feet, 50c each; \$4.00 per 10.

Maple, Silver or Soft: a rapid-growing tree of large size, irregular rounded form; foliage bright green above, silvery beneath. 4 to 6 feet, 40c each; 6 to 8 feet, 60c each.



Cedrus Deodora. Indian Cedar

(For description, etc., see page 25)

Birch, European White: remarkable for its elegance; very graceful, with silvery bark and slender branches. 4 feet, 50c each; 6 feet 75c each; 8 feet, \$1.00 each.

Birch, cut-leaved Weeping: a charming tree, with deeply lacinated foliage. Its tall, slender, yet vigorous growth, graceful drooping branches, silvery white bark, and delicately cut foliage, present a combination of attractive characteristics rarely met with in one tree. 6 to 8 feet, \$1.50 each.

Catalpa Speciosa: leaves large, heart-shaped; of rapid growth; flowers come in long grape-like clusters of white and purple, very fragrant. The timber obtained from this tree is valuable. 6 to 7 feet, 60c each.

Catalpa Bungei: dwarf, growing 3 feet, 50c each.

Cercis Canadensis (Judas Tree): produces pink blossoms all along the branches in early spring, before the appearance of the leaves. Much admired. 4 to 6 feet, 50c each.

Cherry, Japanese Double Flowering: a very ornamental shrub (or small tree), producing immense masses of large double pink and double white flowers. 3 to 4 feet, 50c each.

Chestnut, American: a noble, large-growing tree, at first of slow growth, but eventually growing with fair rapidity. 3 to 4 feet, 50c each.

Corchorus Japonicus: produces globular-shaped, deep yellow flowers for a long period; foliage slender and graceful. 35c each.

Crape Myrtle (Crimson and White): words fail to convey an adequate idea of the beauty of this shrub. They succeed best in a warm section and blossom for a long period; the flowers have curiously crimped petals. 3 feet, 50c each.

Deciduous Trees and Shrubs

(CONTINUED)

Maple, Japanese: none of our autumnal trees can excel these in gorgeousness of coloring; they include yellow, blood red, green, and variegated; the uniqueness of the shape of the leaves is also wonderful, some as delicate as the finest lace. 3 to 4 feet, **50c** each.

Mock Orange: a vigorous class of shrubs, with large handsome foliage and beautiful milk-white flowers, produced in the greatest profusion early in the summer. **35c** each.

Mountain Ash, European—Rowan Tree: flowers creamy white; foliage somewhat like the Pepper Tree; covered from August to November with large clusters of orange-colored berries. 4 to 5 feet, **50c** each.

Paulownia Imperialis: known as "Empress Tree." A magnificent tropical looking tree from Japan; of extremely rapid growth, and surpassing all others in the size of its leaves, which are twelve to fourteen inches in diameter. Blossoms trumpet-shaped, formed in large, upright panicles and appearing in May; color a beautiful shade of lavender. 7 to 8 feet, **\$1.00** each.

Plum, Purple-Leaved: the young branches are a very dark purple; the leaves when young are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop late in autumn; no other purple-leaved tree or shrub retains its color like this; it also bears a fairly good fruit. 3 to 4 feet, **50c** each.

Poplar, Carolina: a vigorous-growing variety, with large bright green leaves. 3 to 4 feet, **35c** each; 6 to 8 feet, **50c** each.

Poplar, Lombardy: a very rapid, erect-growing tree with tall, spiry form; very desirable in landscape gardening. 3 to 4 feet, **35c** each; 6 to 7 feet, **50c** each.

Pomegranate: double scarlet and single scarlet. **35c** each.

Quince, Japanese Scarlet Flowering: **35c** each.

Rhus Cotinus, Purple Fringe, Mist Tree, Smoke Tree: variously known by these names; it is much admired; it produces curious fringe or hair-like flowers that cover the plant in summer time; does excellently well in the warm valleys of California. **35c** each.

Rhus, Cut-Leaved: **35c** each.

Snowball: produces large, globular, pure white flowers in great luxuriance. 2 ½ feet, **35c** each.

Spiraea, A. Waterer: a fine new dwarf variety, with dark crimson flowers. 1 ½ feet, **30c** each.

Spiraea Callosa: the flowers are produced in large panicles of a deep rosy hue. 2 feet, **30c** each.

Spiraea Prunifolia, Bridal Wreath: flowers double white, produced along the branches in great profusion. 2 ½ feet, **30c** each.

Tamarix, African: the foliage of this shrub is most graceful and feathery; the flowers are spike-shaped and of a pinkish hue. 6 feet, **35c** each.

Texas Umbrella Tree: a rapid-growing shade tree; peculiarly adapted for sidewalk planting; grows in shape of umbrella; thrives best in warmer sections. 4 to 5 feet, **60c** each.

Thorn, Double White: has small double white flowers; a highly ornamental variety, on account of both foliage and flowers. 4 to 5 feet, **60c** each.

Thorn, Double Pink: similar to the above in all respects but color, which is pink or rose. 4 to 5 feet, **60c** each.

Thorn, Pauls, Double Scarlet: 4 to 5 feet, **60c** each.

Walnut, American Black: 3 to 4 feet, **40c** each; **\$3.50** per 10.

Weigilea Rosea: elegant shrub from Japan; they produce superb large, trumpet-shaped flowers of a fine rose color. 2 to 3 feet, **35c** each.

Willow, Common, Babylonica: the well-known weeping willow. **35c** each.

Palms, Dracænas, Etc.

Aspidistra Lurida: is a most desirable house plant. It will thrive in any position and in any soil, and will always look well. **75c, \$1.50, \$2.00** and **\$3.00** each.

Brahea Edulis: unsurpassed, whether grown outside (it is very hardy) or as a pot plant; it has very large fan-shaped leaves of bright green color. **50c, 75c, \$1.25** and **\$5.00** each.

California Palm (Pritchardia filifera): **25c, 60c** and **\$1.50** each.

Chamaerops Excelsa, Japanese Fan Palm: one of the hardiest of the Fan Palms; very desirable for outdoor decoration. **\$2.50** and **\$3.50** each.

Cocos Plumosus: hardy in some localities, and when grown outside is of rapid growth. No handsomer palm can be found than this. 5-inch pots, **60c** each.

Corypha Australis: used chiefly for house decoration, though hardy in some locations. **50c** and **75c** each.

Cycas Revoluta: the well-known "Sago Palm," so much in demand for inside decoration. **50c, 75c, \$1.00, \$1.50, \$2.00** and **\$5.00** each, according to size.

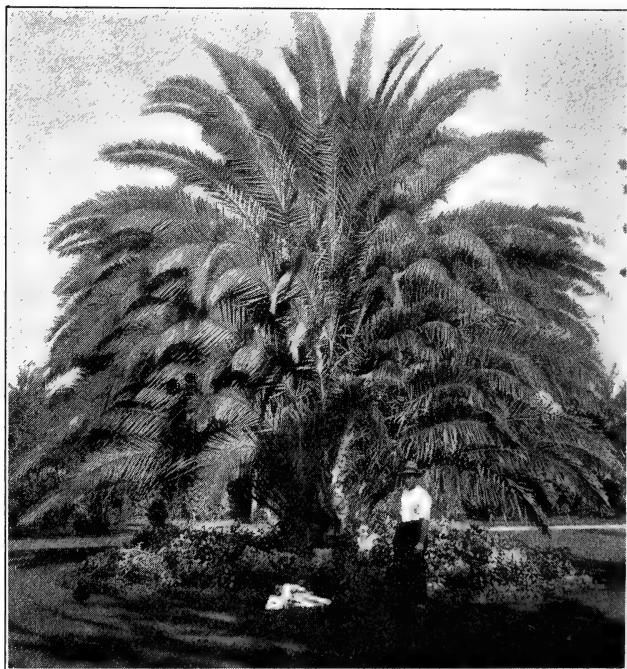
Dracaena Indivisa: a fine plant for outdoor planting in California, and much in use for lawns, avenues and parks. The small plants are fine for window decoration. **25c, 50c, 75c, \$1.00** and **\$1.50** each.

Dracaena, Broad Leaved: resembles the preceding, excepting that the leaves are much broader. Most handsome for parlor decoration. Pot-grown, **25c** and **\$1.00** each.

Eulalia Gracillima: the foliage is narrow, long and graceful; much used on lawns, where, when supplied liberally with water, it produces a grand effect. **60c** each.

Ficus Elastica, India Rubber Plant: very large, smooth, leathery leaves, evergreen foliage; generally esteemed one of the finest house plants grown, the plant attaining a large size and tree-shaped. **75c** and **\$1.00** each.

Kentia Belmoreana: this fine palm is a valuable addition to our collection. Its leaves are pinnate, dark green, and so beautifully crisp as to gain for it the name of "Curly Palm." It is very elegant and graceful in habit. Plants in 4 inch pots, **50c** each; in 5-inch pots, **75c** and **\$1.00** each; in 6-inch pots, **\$1.50** each.



Phoenix Canariensis

Kentia Fosteriana: one of the finest of the Kentias, with graceful bright green foliage. Plants in 4-inch pots, **50c** each; in 5-inch pots, **75c** and **\$1.00** each; in 6-inch pots, **\$1.50** each.

Lantania Borbonica: leaves large, fan-shaped, of a very cheerful green color; adapted to all decorative purposes within doors **50c** and **75c** each.

Phoenix, Canariensis, The Canary Island Date: the handsomest and hardest species of the Date Palm family. \$1.00, \$1.50, \$3.00 and \$5.00 each.

Pampas Grass: strong clumps. 60c each.

Tritoma Pfitzerii, Red-Hot Poker Plant: so called on account of its scarlet flowers resembling that household article. They are borne on long stiff stems during summer months, and are very effective. Clumps, 35c each.

Washingtonia Robusta: one of the hardiest and most beautiful of palms; in habit of growth resembling our well known California Fan Palm, but more symmetrical and spreading; leaves fan-shaped, medium size, retaining their dark green color during the winter months; stems short, thorny; of upright, compact growth. Balled, 1½ feet, \$1.50 each; boxed, 3 feet, \$4.00 each.

Roses

[WATCH OUR 1909 CATALOGUE FOR NEWEST AND BEST SORTS

Strong Field Grown, 25c each; Extra Sized Plants, 35c each, except where noted. Ready for shipment about December 15th. Orders booked now. Following we give an abbreviated list:

American Beauty: glowing deep carmine.

Anna De Diesbach: lovely pink.

Augustine Guinnoiseau: white La France.

Banksia, White and Yellow: climbers.

Beauty of Glazenwood: coppery yellow; climber.

Belle Siebrecht: silvery rose color.

Black Prince: very dark.

Bride: superb white.

Bridesmaid: unexcelled pink.

Captain Christy: beautiful flesh color.

Caroline Testout: bright pink.

Catherine Mermet: lovely pink.

Cherokee, Double and Single: white climbers.

Climbing Bridesmaid: ivory-pink; new; 35c each.

Climbing Belle Subrecht: new, beautiful pink. 35c each.

Climbing Caroline Testout: rose pink, extra strong and free, in bloom; 35c each.

Climbing Captain Christy: delicate flesh color.

Climbing Cecile Bruner: new, salmon-pink. 35c each.

Climbing Hermosa: brilliant crimson, 35c each.

Climbing Kaiserine: ivory-white.

Climbing Niphetos: pure white.

Climbing Papa Gontier: bright cherry-red, 35c each.

Climbing Perle des Jardins: deep canary-yellow.

Chestnut Hybrid: cherry-carmine; climber.

Claire Carnot: coppery rose, shaded amber; climber.

Climbing Devoniensis: good white.

Climbing Perle des Jardins: fine yellow.

Climbing la France: pink.

Crimson Rambler: bright crimson; climber.

Doctor Grill: buff pink.

Duchesse de Brabant: rosy blush.

Duchess of Albany: rosy pink.

Emperor of Morocco: very dark.

Frau Karl Druschki: new, pure snow-white. 35c each.

General Jacqueminot: glowing scarlet.

Gloire de Margottin: intense deep scarlet; climber.

Gold of Ophir: salmon yellow.

Isabella Sprunt: canary-yellow.

Kaiserine Augusta Victoria: extra good white.



Lamarque

Killarney: pink.

La Marque: pure white; climber.

Madame Hoste: yellowish white.

Marechal Niel: deep yellow; climber.

Mrs. John Laing: beautiful pink.

Mildred Grant: new, ivory-white, tinted pale pink, very large, 35c each.

Niphetos: pure white.

Papa Gontier: rich crimson.

Perle des Jardins: straw yellow.

Perle D'Or: "Baby Rose," nankeen yellow.

Rainbow Improved: pink, blotched and striped.

Reine Marie Henriette: crimson; climber.

Reine Olga de Wurtemberg: rosy crimson; climber.

Reve D'Or: deep yellow; climber.

Safrano: apricot yellow.

Sunset: rich deep yellow.

Sweet Briars: assorted.

Ulrich Bruner: cerise red.

William Allen Richardson: orange yellow.

White Maman Cochet: extra fine white.

Climbing and Trailing Plants

Akebia Quinata: a very distinct and pretty climber from Japan; foliage clover-like in appearance, semi-evergreen; flowers chocolate-colored, appearing in early spring; very sweet. 50c each.

Ampelopsis Quinquifolia, Virginia Creeper: leaves palmate, handsome and luxuriant, assuming in autumn a gorgeous bronzy hue. 25c and 50c each.

Ampelopsis Veitchii, Boston or Japan Ivy: a great improvement on the old Virginia Creeper; fast-growing in the shade or sun. 50c each.

Asparagus Plumosus: the leaves are a bright green, are gracefully arched and are as finely woven as the finest silk mesh, surpassing Maiden Hair Ferns in grace, fineness of texture, and richness of color. 25c, 35c, and 50c each.

Asparagus Sprengeri: a variety of recent introduction; it is as a basket plant that this will prove most valuable. 35c and 75c each.

Bignonia Grandiflora, Trumpet Vine: rapid-growing climber, bearing large orange-yellow trumpet-shaped flowers in great profusion. 50c each.

Bougainvillea Spectabilis: these climbers are becoming greater favorites every year. They have peculiarly shaped flowers, somewhat resembling the leaves in shape, the color being of a rosy lake, and produced at the end of the branches in wonderful profusion. They are indispensable for the greenhouse and do remarkably well in many protected situations out of doors. Strong plants. 60c each.

Clematis Montana: produces its pure white flowers in early summer; very floriferous and fast-growing. 60c each.

Clematis Paniculata: 35c each.

Clematis: large flowering; named sorts. 75c each.

Honeysuckle, Belgium or English: red and yellow flowers; long bloomer; very fragrant. 40c each.

Honeysuckle, Halleana, Hall's Japan Honeysuckle: a strong, vigorous, almost evergreen sort, with pure white flowers, changing to yellow; very fragrant; a long and continuous bloomer. 40c each.

Honeysuckle Punicea: a most beautiful sort, having scarlet, trumpet-shaped flowers. 50c each.

Ivy, English, Large-leaved: leaves thick, shining, leathery. 15c and 25c each.

Ivy, English, Small-Leaved: 50c each.

Ivy, Variegated, Silver-Leaved: 50c each.

Jasmine Catatonian: double white. 60c each.

Jasmine Officinalis: single white. 35c each.

Jasmine Revolutum: yellow flowering. 35c each.

Muehlenbeckia Complexa, New Zealand Mattress Vine: this pretty, strong-growing climber and trailer is very desirable for covering old stumps of trees, rock work, etc.; the foliage is small, dense, and graceful. 50c each.

Plumbago Capensis: can be trained as a bush or climber; flowers light sky-blue, verberna-shaped, produced throughout the entire summer; stands drought and water and the brightest sunshine. 35c each.

Passion Vine, Pink: 35c each.

Passion Vine, Scarlet: 35c and 50c each.

Solanum Jasminoides Grandiflora: a most beautiful climber. Its flowers are star-shaped and borne in good-sized panicles or clusters. 25c each.

Smilax: 20c each; 3 for 50c.

Tecoma Jasminoides: an evergreen climber, with bright glossy foliage; flowers white, with beautiful blotch of lavender; flowers large, bell-shaped, appearing in clusters. Hardy only in sheltered situations. 4-inch pots, 50c each.

Wistaria Sinensis: this is one of our most admired climbers, blooming in the early spring; the flowers appear in long, grape-like clusters of a beautiful lavender color. 75c and \$1.00 each.

Wistaria Sinensis Alba: a fine variety with pure white, flowers. 75 and \$1.00.

Ferns

Adiantum Cuneatum, Maiden Hair Fern: in hanging baskets, \$1.50 and \$2.00 each; in 6-inch pots, 50c each.

Adiantum Gracilimum: in hanging baskets. \$1.50 and \$2.50 each.

Adiantum Pedatum: 4-inch pots, 30c each.

Alsophylla Australis, Australian Tree Fern: 6-inch pots, 75c each.

Nephrolepis Bostoniensis—Boston Fern: 4-inch pots, 35c each.

Nephrolepis Exaltata, Sword Fern: 6-inch pots, 75c each.

Nephrolepis Elegantissima: 4-inch pots, 40c each.

Nephrolepis Whitmanii: new. In hanging baskets, \$1.50 each; in 4-inch pots, 50c each.

New Zealand Tree Fern (Dicksonia Antartica): we have a fine stock of this popular tree from \$2.50, \$5.00, \$7.50, \$10.00 and \$15.00 each, according to size.

Polystichum Setosum: 5-inch pots, 50c each.

Pteris Argyrea: a sort with silver foliage, 5-inch pots, 50c each.

Pteris Adiantoides: 4-inch pots, 35c each.

Pteris Drinkwaterii: in 4-inch pots, 35c each.

Pteris Tremula: in 5-inch pots, 50c each.

Pteris Winsetti: in 4-inch pots, 35c each.

Miscellaneous Plants

Abutilon: in fine variety. 25c each.

Cannas: best sorts. 20c each; \$2.00 per dozen.

Cineraria: 15c and 25c each. December delivery.

Coreopsis Lanceolata: strong roots. 15c each; \$1.25 per doz.

Echeveria (Hen and Chicken): 50c per doz.; \$3.00 per 100.

Fuchsias: assorted. 25c each.

Geraniums: assorted. 15c each.

Golden Rod: strong clumps. 25c each.

Gazania Splendens: 10c each; \$1.00 per doz.

Hydrangea Hortensis: 25c and 35c each.

Helianthus: single Perennial Sunflower. 15c each.

Heliotropes: assorted. 20c each.

Iris Kaempferii (Japan Iris): 20c each; \$2.00 per doz.

Lippia Repens: specially adapted for lawn purposes; requires very little water; of quick growth. \$2.00 per 100.

Marguerite: white. 15c each.

Marguerite: yellow. 15c each.

Pansies: Morse's Prize Strain. 50c per doz.

Primula Chinese: 25c each.

Sea Pink (Armeria): 50c per doz.

Spergula: 50c per square foot.

Shasta Daisy: strong roots. 25c each.

Violets: assorted. 60c per doz.

Fruit Trees and Small Fruits

Orders Booked Now—Write for Prices on Large Lots

APPLES

Price, 4 to 5 feet, **25c** each; **\$2.00** per 10.

Alexander: very large and showy; yellow streaked with red. Ripe in September and October.

Baldwin: large, roundish; deep bright red over a yellow ground. Ripe in November and December.

Gravenstein: a large striped apple; very good for table.

Lawyer: very large; brilliant red, covered with small dots. Ripe December to April.

Red Astrachan: large, roundish; skin deep red; flesh white. Ripe in June and July.

White Winter Pearmain: large, roundish oblong and pale yellow, dotted with brown. Ripe December to February.

Yellow Bellflower: very long, oblong, irregular and tapering towards the eye; skin smooth and of pale yellow color. Ripe November to February.

Yellow Newton Pippin: large; flesh yellow; firm, crisp, juicy, of exceedingly rich flavor. Ripe January to March.

CRAB APPLES

Price same as Apples.

Red Siberian: fruit about an inch in diameter; yellow, with a scarlet streak.

Yellow Siberian (Golden Beauty): large, color beautiful golden yellow.

PEARS

Price, 4 to 5 feet, **35c** each; **\$3.00** per 10.

Bartlett: there is no occasion to describe this variety, so well known is it. Ripe in August.

Beurre Clairgeau: very large, red cheeks with russet ground; bears very heavily and when quite young, flesh rather coarse at the core. Ripe in October.

Beurre Hardy: large, brown, smooth, very fine flavor, buttery and delicious. Ripe in September.

Seckel: quite small, rich, yellowish brown; very sweet and productive. Ripe in September.

P. Barry: the color of fruit is deep yellow, nearly covered with rich golden russet; very large. Best of all late pears. Ripe January to March.

Winter Nells: medium size, roundish; yellowish green, dotted with russet; fine flavor. Ripe November to January.

CHERRIES

Price, 4 to 5 feet, **35c** each; **\$3.00** per 10.

Black Tartarian: very large; bright black. The favorite.

Bing: fruit large, dark brown or black; very fine; late.

Gov. Wood: light yellow, blotched red; early.

Lewelling (Black Republican): a cross between Black Tartarian and Royal Ann, having the size and color of the former and solid flesh of the latter; black when ripe; late; a fine sort.

Napoleon Bigarreau (Royal Ann): very large, amber in color. The favorite white cherry.

May Duke: large, dark red; fine. This is one of the sorts used for making pies.

PLUMS

Price, 4 to 5 feet, **35c** each; **\$3.00** per 10.

Bartlett: fruit oval; yellow, turning to deep crimson when fully ripe; flesh light salmon colored; firm and juicy. Flavor delicious, resembling the Bartlett Pear in flavor. One of Luther Burbank's introductions.

Burbank: large, yellowish ground, with red cheek; flesh yellow, firm, and very sweet when fully ripe.

Bradshaw: very large, dark violet red; juicy and good. Adhering partially to stone. Fine early plum.

Climax: a New Early Plum, cross of Simoni and Botan. Very large, measuring $6\frac{3}{4}$ by $7\frac{1}{2}$ inches in circumference; heart-shaped. A superbly rich plum; extremely early; ripens in the coast counties early in July, before any other good plum.

Green Gage: small, but of the highest excellence; round, greenish yellow, with brown dots; very juicy and sweet. August.

Kelsey (Japan): very large, heart-shaped, greenish yellow, red cheek on sunny side; flesh very solid and firm; juicy, and with a rich vinous flavor; a small pit. September.

Washington: a magnificent large plum, roundish; deep yellow, with pale crimson blush; flesh yellow, firm, very sweet and luscious, separating from the stone. July and August.

Yellow Egg: very large; a beautiful egg-shaped plum; flesh yellow, rather acid until fully ripe, when it sweetens; clingstone.

PRUNES

Price, 4 to 6 feet, **35c** each; **\$3.00** per 10.

French: this is the Prune now grown so extensively and successfully for drying purposes.

Hungarian: fruit very large, with tendency to come double; reddish violet; covered with a handsome bloom; very juicy and sweet.

Imperial Epineuse: large and uniform in size; very sweet and of high flavor; the skin is thin, and of a reddish purple when green; when dried, coal black.

Silver: very large oval; skin yellow. Makes a very attractive dried fruit, besides being a good shipper and canner.

Tragedy: this is the earliest of all Prunes, and earlier than any Plum. Good size; dark purple skin; yellowish green flesh; sweet and very rich.

NECTARINES

Price, 4 to 5 feet, **35c** each; **\$3.00** per 10.

Early Newington: one of the very earliest.

Lord Napier: large; pale cream color with dark red cheek; flesh white, melting, tender, and juicy.

New White: large; skin white; flesh white, tender, and very juicy; of rich vinous flavor.

QUINCES

Price, 4 to 5 feet, **35c** each; **\$3.00** per 10.

Apple or Orange: large; bright yellow; the best.

Champion: very large; flavor delicate, imparting an exquisite quince taste and odor to any fruit with which it is cooked.

APRICOTS

Price, 4 to 5 feet, **35c** each; **\$3.00** per 10.

Blenheim: above medium size; flesh juicy, rich, good.

Hemskirke: a large and very fine Apricot.

Moorpark: largest size; rich yellow.

Royal: a fine early variety; popular in many places as a regular bearer.

PEACHES

Price, one year, 4 to 5 feet, **35c** each; **\$3.00** per 10.

Alexander: most widely grown, being considered the best early variety; medium to large; greenish white, nearly covered with deep red; flesh firm, juicy, and sweet.

Early Crawford: this is probably the most extensively grown of all peaches.

Foster: large, yellow, very rich and juicy.

Lovell: yellow freestone; uniformly large; superior for canning and shipping.

Muir: the best of all peaches for drying, because it loses less than any other in the process. Has a delicious, rich, buttery, sweet flavor.

Nichols' Orange Cling: large; yellow, with purple cheek; flesh yellow and good.

Phillips' Cling: fine large yellow cling, showing no color at pit, which is very small.

Salway: a large yellow English peach, with deep yellow flesh; very juicy, melting, and rich. The most valuable late market variety.

Tuscan Cling: a very large, fine, yellow clingstone; good for shipping or canning; ripens early.

Triumph: ripens early; blooms late; fruit is of large size, with small pit; of excellent quality.

Fruit Trees and Small Fruits

(CONTINUED)

FIGS

Price, 3 to 4 feet, 40c each; \$3.50 per 10.

California Black: a well-known local variety; large dark purple, almost black when fully ripe.**Calimyrna:** the genuine fig of commerce.**White Adriatic:** tree a strong and healthy grower; fruit above medium size; skin white and thin; pulp red, fine, exceedingly aromatic, and changes to an amber color when dried.**Wild or Capri Fig:** must be grown in connection with every Calimyrna Fig orchard. 3 to 5 feet, 60c each.

WALNUTS

Santa Barbara Soft Shell: 4 to 5 feet, 50c each; \$4.00 per 10. See general catalogue for other sorts.

ALMONDS

Price, 4 to 5 feet, 35c each; \$3.00 per 10; \$20.00 per 100.

I. X. L.: large kernels; soft shell. Tree is a strong, upright grower.**Jordan:** this new sort is the famous Spanish variety so long sought after by nut growers.**Nonpareil:** large, full kernel; thin shell. Tree of a weeping habit, and a strong grower.**Ne Plus Ultra:** similar to above, but of different habit of growth.**Paper Shell:** very thin shell; flavor of nut excellent.

ORANGES

Price, lifted with balls of soil, 4 to 5 feet, \$2.00 each; \$17.50 per 10.

Maltese Blood: fruit below medium, nearly round; skin very thin and smooth; pulp ruby-red.**Mediterranean Sweet:** fruit medium to large; pulp solid, with few seeds; ripens late. A very popular sort.**Riverside Washington Navel:** fruit first-class in every respect; size medium to large, oval, smooth, symmetrical, seedless; pulp fine grained, flavor excellent. A solid, perfect fruit.**Valencia Late or Hart's Tardiff:** an orange of remarkably strong-growing habit, and claimed by those fruiting it to be a good bearer; a little later than Mediterranean Sweet, which it resembles very much.

LEMONS

Price, lifted with balls of soil, 4 to 5 feet, \$2.00 each; \$17.50 per 10.

Eureka: tree nearly thornless, of rapid growth, and prolific bearer; fruit of the best quality. A general favorite.**Lisbon:** medium size; sweet rind; very strong in acid; very few seeds; tree a rapid grower and very productive.**Villa Franca:** fruit uniformly medium size, fine grained, sweet rind; very few seeds; good keeper; tree strong grower; prolific bearer.

LIME—MEXICAN

Balled, 3 feet \$1.50 each.

POMELOS—GRAPE FRUIT

Price, lifted with balls of soil, 4 to 5 feet, \$2.00 each.

Marsh's Seedless: medium, practically seedless; skin thin and smooth; pulp juicy; of superior flavor. Keeps late. A valuable acquisition; its delicious flavor and having no seeds should cause it to take the precedence over many other varieties.**Triumph:** medium size; skin smooth, clear, thin, and fine grained, juicy and well flavored. No bitter in the juice, flesh or membranes surrounding the cells and dividing the segments, and very little in the white, inner lining of the peel. Tree bears young. One of the best of the imported varieties.

ASSORTED SMALL FRUITS

Grapes: foreign sorts, 20c each; \$1.50 per 10.**Grapes:** American, assorted, 20c each; \$1.50 per 10.**Currants,** assorted, 20c each; \$1.75 per 10.**Gooseberry:** assorted, 20c each; \$1.50 per 10.**Blackberries:** assorted, 60c per 10.**Raspberry:** red, 60c per 10.**Raspberry:** yellow and black, 15c each; \$1.00 per 10.**Strawberries:** assorted, 25c per 12; \$1.50 per 100.**Loganberries:** 10c each; 75c per 10.**Mammoth Blackberry (New):** 15c each; \$1.00 per 10**Himalayan Blackberry:** 25c each; \$2.00 per 10.

RHUBARB

Lorenzo and Linnaeus: strong roots, 15c each; \$1.50 per dozen.

AUSTRALIAN CRIMSON WINTER

The great value of Rhubarb as a vegetable has always been its earliness, and a vast amount of time and labor have been spent in efforts to originate a variety which would produce stalks even a day or two in advance of other early varieties. Australian "Crimson Winter" Rhubarb will produce marketable stalks abundantly, fully six months earlier than any other Rhubarb. Price 25c each; \$2.00 per 10.

HORSERADISH

Strong plants, 15c each; \$1.00 per 10.

THE PHENOMENAL BERRY

Is the result of a cross between the Improved California Dewberry and the Outhbert Raspberry. Mr. Burbank (the introducer) describes it as larger than the largest berry ever before known; bright crimson raspberry color; productive as could be desired. Tip rooted, ready about end of February. 15c each; \$1.00 per 10.

DISTANCES FOR PLANTING FRUIT TREES

Standard Apples.....	25 to 30 feet apart each way
Standard Pears.....	20 to 25 feet apart each way
Strong Growing Cherries.....	20 to 25 feet apart each way
Duke and Morello Cherries.....	18 to 20 feet apart each way
Standard Plums and Prunes.....	18 to 20 feet apart each way
Apricots, Peaches, Nectarines.....	18 to 20 feet apart each way
Grapes.....	7 to 10 feet apart each way
Currants, Gooseberries and Loganberries.....	4 by 6
Raspberries and Blackberries.....	3 to 4 by 5 to 7
Strawberries for Field Culture.....	1 to 1½ by 4 to 4
Strawberries for Garden Culture.....	1 to 2 feet apart

We will be pleased to hear from intending planters who may desire information as to best varieties to plant, either of fruit trees or ornamentals. Our nursery superintendent has had a quarter of a century's experience on such matters in this State and will give reliable advice, thus often saving amateurs disappointing failures.

OUR GENERAL OR ANNUAL CATALOGUE FOR 1908

WILL be ready to mail early in December. It will be handsome and comprehensive and gives full directions for planting. We list a very large assortment of all the best Garden Seed, Flower Seed, Clovers, Grasses, Horticultural Tools, Insecticides, etc., besides a splendid assortment of Ornamental Plants, Trees and Fruit Trees, Roses, House Plants and various Nursery Stock.

If you have not ordered anything of us recently we are not likely to have your name on our mailing list and would suggest that you send us your **name** and **address** at once, and this handsome catalogue will gladly be sent to you free of cost.

ALL NEW—NEVER OFFERED BEFORE

In our annual catalogue we will offer a superlative set of eleven new Sweet Peas, larger than any before introduced, and to give our readers a chance to plant early, we offer them now; all beautiful Spencer types with very large wavy wings and standard. These are conceded by experts to be the handsomest Sweet Peas ever known and far ahead of the ordinary sorts.

Each of the following sorts at **25 cents per packet of 25 seeds**; or packet of 10 seeds for 15 cents:

Aurora Spencer; beautiful salmon or orange pink, striped and splashed on white.

Asta Ohn (Spencer); soft mauve and lavender.

Beatrice Spencer; white and blush tinted soft pink and buff with bright blotch of rose on face of wings.

Captain of the Blues Spencer; standard purple, wings bright blue.

Flora Norton Spencer; almost clear brilliant blue.

Lovely Spencer; bright pink or rose at throat shading to blush at edges.

Mrs. Routzahn; (Spencer); apricot and straw, deeper at edges.

Othello Spencer; rich deep maroon, very dark.

Ramona Spencer; pure white with "blush-pink" stripes.

Mrs. Sankey Spencer; a beautiful black seeded "white" variety.

Tennant Spencer; bright purplish mauve, very pretty.

"Henry's Spencer Novelties," mixed; a mixture of **unnamed selections** of the Countess Spencer types not yet introduced.

To Sweet Pea Fanciers we offer an **Extraordinary Spencer Collection** of all the above set, and in addition to them, the following:

Florence Morse Spencer, our last year's sensational novelty, blush with rose edge.

Countess Spencer, true (original), bright pink.

White Spencer; immense pure white.

Geo. Herbert (Spencer); magenta rose.

Helen Lewis (Spencer); orange pink.

In all 17 packets for \$3.00 (all of the larger sized packets).

An unparalleled offer because to every other Seed House it is an impossible offer.



THIS GROUP DISPLAYS

Narcissus Paper White Grandiflora
Daffodil Double Von Scion
Narcissus Poeticus

Daffodil Trumpet Major
Daffodil Double Orange Phoenix
Daffodil "Crown" Cynosure